



NAVMAN

4000

5000

Hardware User Manual

Important safety information

PLEASE READ CAREFULLY BEFORE INSTALLING PRODUCT IN VEHICLE

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
	CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.



Removing original equipment, adding accessories or modifying your vehicle could affect the vehicle's safety or make it illegal to operate in some jurisdictions.

Follow all product instructions and all instructions in your vehicle owner's manual regarding accessories or modifications.

Consult your country's and/or state's laws regarding operation of a vehicle with any accessories or modifications. It is your sole responsibility to place, secure and use your Navman in a manner that will not cause accidents, personal injury or property damage. Always observe safe driving practices.

Do not mount your Navman in a way that may interfere with the safe operation of the vehicle, the deployment of air bags or other safety equipment.

Do not operate your Navman while driving.

Before you use your Navman for the first time, familiarize yourself with your device and its operation.

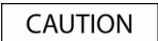
On main roads, the distance to an exit calculated by your Navman may be further than the distance shown on road signs. Road signs show the distance to the start of an exit while your Navman shows the distance to the next intersection, i.e., the end of the exit ramp or road. To prepare to exit a road, always follow distance information on road signs.

The use of information regarding safety or speed camera locations may be subject to local laws in the country of use. You are responsible for checking that you can legally use the information in your country or in the country where the information will be used.



Do not handle your Navman while it is hot. Let the product cool, out of direct sunlight.

At full power, prolonged listening to your Navman via headphones or earphones can damage the ear of the user.



Do not expose your Navman to direct sunlight in an unattended vehicle for prolonged periods. Overheating may damage the unit.

To discourage theft, do not leave your Navman, mounting bracket or any cables in plain view in an unattended vehicle.

Warning Notice to Drivers in the United States

State law may prohibit drivers in states such as Arizona, California and Minnesota from mounting objects on their windshields while driving. Please make sure you research and follow your most current State laws. An alternative mounting option may be provided in the box with your product; or see our website for additional mounting alternatives. Navman does not take any responsibility for any fines, penalties, or damages that may be incurred as a result of disregarding this notice.

Home charger-specific safety information



To charge your Navman from the mains power, use the home charger (Input: 100-240V AC 50-60Hz; Output: 5V DC 1A Max) supplied by Navman as an accessory (may be sold separately). Using other home chargers with your Navman could result in serious injury or property damage.

Never use the charger if the plug or cord is damaged.

Do not expose the charger to moisture or water. Do not use the charger in a high moisture environment. Exposure to water may cause electrical sparks or fires.

Never touch the charger when your hands or feet are wet.

Allow adequate ventilation around the charger when using it to operate your Navman or charge the internal battery. Do not cover the charger with paper or other objects that will reduce ventilation. Do not use the charger while it is inside a carrying case or other container.

Ensure that the charger is connected to a power source with the correct fitting and voltage requirements. The voltage requirements can be found on the home charger casing and/or packaging.

Do not attempt to service the charger as this could result in personal injury. Replace the charger if it is damaged or exposed to excess moisture.

Internal battery-specific safety information



Your Navman contains a non-replaceable internal lithium-ion battery. The battery may burst or explode if mishandled, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush or puncture the battery.

Recycle or dispose of the battery safely and properly according to local laws and regulations. Do not dispose of the battery in fire or water.

About the battery

- Use a specified battery in the equipment.
- **CAUTION:** The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.
- Important instructions (for service personnel only)
 - **Caution:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
 - Replace only with the same or equivalent type recommended by the manufacturer.
 - The battery must be recycled or disposed of properly.
 - Use the battery only in the specified equipment.



Only use the correct home charger (may be sold separately) or in-car charger supplied by Navman to charge your Navman internal battery.

Only use your Navman internal battery with your Navman unit.

The Navman battery will stop charging when the ambient temperature is less than 0°C (32°F) or more than 40°C (104°F).

Failure to adhere to these warnings and cautions may lead to death, serious injury or property damage. Navman disclaims all liability for installation or use of your Navman that causes or contributes to death, injury or property damage or that violates any law.

Compliance



WARNING This product, its packaging and its components contain chemicals known to the State of California to cause cancer, birth defects or reproductive harm. This Notice is being provided in accordance with California's Proposition 65.

Marking labels located on the exterior of your Navman indicate the regulations that your model complies with. Please check the marking labels on your Navman and refer to the corresponding statements in this chapter. Some notices apply to specific models only.



Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1999/5/EC), the Electromagnetic Compatibility Directive (2014/30/EU) and the Low Voltage Directive (2014/35/EU) - issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Standards:

- EN 300 440-1 V1.6.1
- EN 300 440-2 V1.4.1
- EN 301 489-1 V1.9.2
- EN 301 489-3 V1.6.1
- EN 55022: 2010
- EN 55024: 2010
- EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

Declaration of conformity

Hereby, MiTAC declares that this Navman 4000/5000 series is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

WEEE



This product must not be disposed of as normal household waste, in accordance with the EU directive for waste electrical and electronic equipment (WEEE - 2002/96/EC). Instead, it should be disposed of by returning it to the point of sale, or to a municipal recycling collection point.

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Welcome

Thank you for purchasing this Navman. Please read this manual carefully before using your Navman for the first time. Keep this manual in a safe place and use as your first point of reference.

Important information for using the manual

It is important to understand the terms and typographical conventions used in this manual.

Formatting

The following formatting in the text identifies special information:

Convention	Type of Information
Bold	Components or items displayed on screen, including buttons, headings, field names and options.
<i>Italics</i>	Indicates the name of a screen.

Icons

The following icons are used throughout this manual:

Icon	Description
	Note
	Tip
	Warning

Terms

The following terms are used throughout this manual to describe user actions.

Term	Description
Press	Press and release a button quickly.
Tap	Press and release an item displayed on the touch screen.
Select	Tap an item in a list or tap a command from a menu.

Disclaimer

Not all models are available in all regions.

Depending on the specific model purchased, the colour and look of your device and accessories may not exactly match the graphics shown in this document.

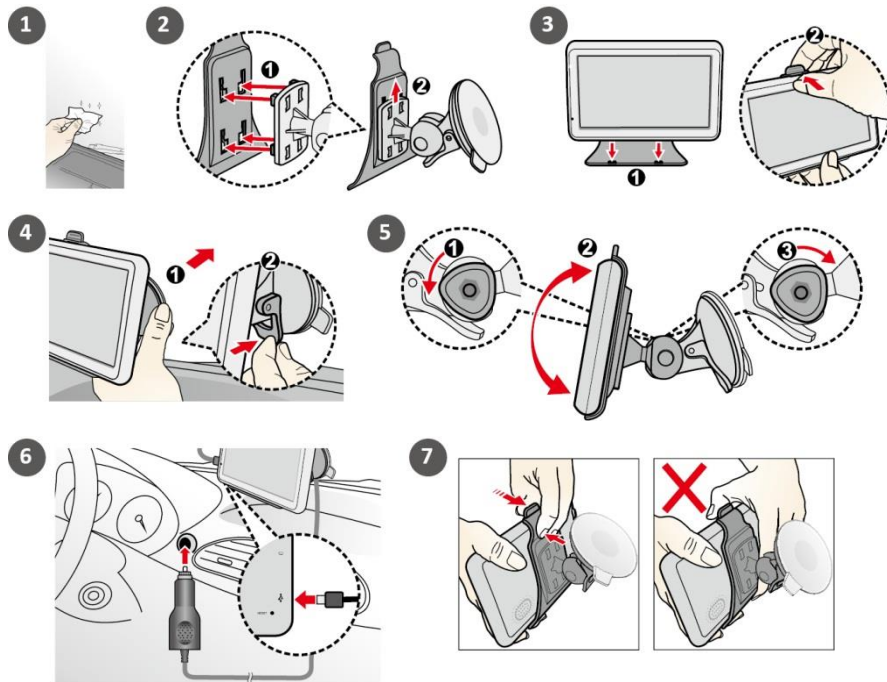
Navman operates a policy of ongoing development. Navman reserves the right to make changes and improvements to any of the products described in this document without prior notice. Navman does not warrant that this document is error-free. The screenshots and other presentations shown in this manual may differ from the actual screens and presentations generated by the actual product. All such differences are minor and the actual product will deliver the described functionality as presented in this User Manual in all material respects.

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(11/2015)

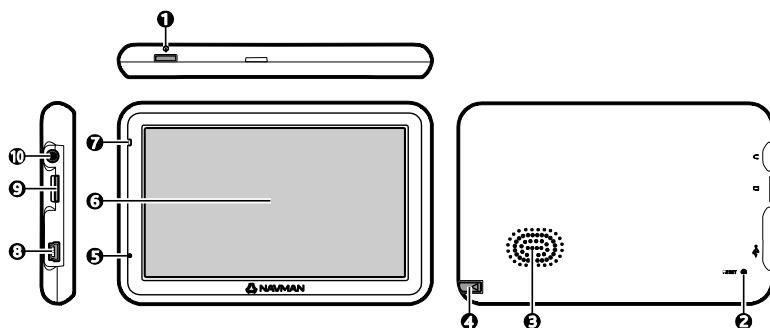
Mounting your Navman in a vehicle

CAUTION:

- Never mount your Navman where the driver's field of vision is blocked.
- If the windscreen is tinted with a reflective coating, it may be athermic and impact the GPS reception. In this instance, please mount your Navman where there is a "clear area" - usually just beneath the rear-view mirror.
- To protect your Navman against sudden surges in current, connect the in-car charger only after the car engine has been started.



Getting to know your Navman

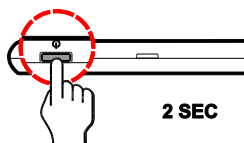


- ❶ Power button
- ❷ Reset button
- ❸ Speaker
- ❹ Stylus
- ❺ Microphone (not on all models)
- ❻ Touch screen
- ❼ Battery indicator
- ❽ Connector for in-car charger, USB cable* and home charger*
*may be sold separately
- ❾ Slot for MicroSD memory card
- ❿ Earphone jack

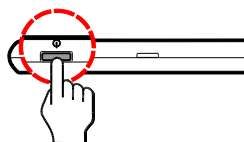
How do I turn on my Navman?

Using the power button

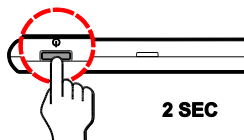
For the initial start-up, press and hold the power button for 2 seconds to turn on your device.



For normal operation, turn off the device by briefly pressing the power button. Your Navman will enter a suspended state. When you next briefly press the power button, your Navman will return to the Main Menu.

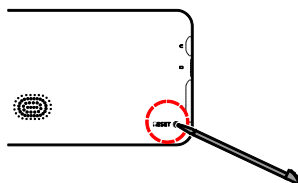


To turn off your Navman, press and hold the power button for 2 seconds.



Resetting the device

Occasionally, you may need to perform a hardware reset when your Navman stops responding; or appears to be "frozen" or "locked-up." Insert a small rod, such as a straightened paperclip, into the reset button of your device.



How do I charge the battery?



The battery may not be fully charged when you use your Navman for the first time.

CAUTION: For optimal performance of the battery, note the following:

- Do not charge the battery when the temperature is high (e.g. in direct sunlight).
- There is no need to fully discharge the battery before charging.
- When leaving your Navman for long periods, turn off your Navman to save battery power.

The battery indicator light on your Navman indicates the level of internal battery charge:

- **red** - battery charging

How do I charge the battery in a vehicle?

To charge your Navman in a vehicle, plug the in-car charger into  on the left side of your Navman and the other end into the vehicle power socket.

How do I charge the battery via my computer?



For optimal charging results, ensure that your Navman is turned off while connected to your computer.

1. Turn on your computer.
2. Plug the large end of the USB cable (may be sold separately) directly into a USB port on your computer (not a USB hub) and plug the small end into  on the left side of your Navman.

CAUTION: When your Navman is turned on and connected to a computer, it is recognized as an external mass-storage device. Do NOT delete any files that are pre-installed on your Navman. Deleting the files can cause your Navman to crash.

How do I charge the battery at home or work?

You can use an optional home charger to charge the battery.

To charge your Navman using a mains power socket, plug the home charger cable into  on the left side of your Navman and the mains power charger into the power socket.



The home charger is not included with all models and may be purchased separately (see www.navman.com for details).

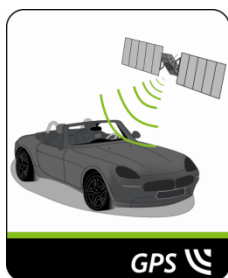
Reference

What is GPS?

The Global Positioning System (GPS) is available at any time, free of charge, and is accurate to within 5m (15ft). GPS navigation is made possible by a network of satellites that orbit the Earth at around 20,200km (12,552mi). Each satellite transmits a range of signals which are utilized by GPS receivers, such as your Navman, to determine an exact location. Although a GPS receiver can detect signals from up to 12 satellites at any time, only four signals are required to provide a position or "GPS fix" (latitude and longitude), for vehicle navigation systems.

How does my Navman receive GPS signals?

Your Navman receives GPS signals via the internal GPS antenna. To guarantee the optimum GPS signal strength, ensure your Navman is outdoors, or in a vehicle outdoors, and has an unobstructed view of the sky. GPS reception is not usually affected by weather, however, very heavy rain or snow may have a negative effect on your reception.



Caring for your Navman

Taking good care of your Navman will ensure trouble-free operation and reduce the risk of damage to your Navman:

- Keep your Navman away from excessive moisture and extreme temperatures.
- Avoid exposing your Navman to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your Navman or drop objects on your Navman.
- Do not drop your Navman or subject it to severe shock.
- Do not subject your Navman to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your Navman. In the event of moisture condensation, allow your Navman to dry out completely before use.
- The screen surface can easily be scratched. Avoid touching it with sharp objects. Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean your Navman when it is turned on. Use a soft, lint-free cloth to wipe the screen and the exterior of your Navman.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your Navman. Disassembly, modification or any attempt at repair could cause damage to your Navman and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your Navman, its parts or accessories.

Troubleshooting

If you encounter a problem you cannot solve, contact an authorized service centre for assistance.

Problems	Solutions
Your Navman does not turn on when using battery power.	The remaining battery power may be too low to operate your Navman. Charge the battery using the in-car charger, home charger (may be sold separately) or USB cable (may be sold separately), then try again.
Screen responds slowly.	The remaining battery power may be too low to operate your Navman. If the problem still persists, reset your Navman.
Screen freezes.	Reset your Navman.
Screen is hard to read.	Increase the screen brightness.
Cannot establish a connection with a computer.	Ensure that your Navman and your computer are both turned on before trying to establish a connection. Make sure that the cable is securely plugged into the USB port on your computer and on your Navman. Connect the USB cable (may be sold separately) directly to your computer, not a USB hub. Reset your Navman before connecting the USB cable (may be sold separately). Always disconnect your Navman before you restart your computer.



NAVMAN

4000

5000

Software User Manual

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Welcome

Thank you for purchasing this Navman. This manual has been prepared to guide you through the operation of your Navman from first set-up through to continuous use. Please read this manual carefully before using your Navman for the first time. Keep this manual in a safe place and use as your first point of reference.

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How do I get started?



The first time you use your Navman it may take several minutes to establish a GPS connection.

How do I turn my Navman on for the first time?

To get started for the first time, complete the following steps:

1. **Read the Important Safety Information**
2. **Position your Navman in your vehicle**

Follow the instructions in the *Quick Start Guide*.

CAUTION: Ensure that your Navman does not obstruct the driver's view, or interfere with the operation of the vehicle airbags and safety devices.

3. **Turn your Navman on**

Your Navman will turn on and display the *Language* screen.

4. **Select your preferred language**

From the *Select Language* screen, tap your preferred language.

- You can change your preferred language while using your Navman.

5. **Read the warning message**

The *Safety Agreement* screen will display after you have selected your preferred language. Read the Safety Agreement message. To confirm that you have read and understood the message, tap **Accept**.

6. **View the Tutorial**

- To move forward through the *Tutorial* screen, tap **Next**. To view the previous screen, tap .
- To skip the *Tutorial* screen, tap **Skip**.



To prevent the Tutorial from displaying on each start-up, tap the **Show tutorial on start-up** option to deselect it. To enable the tutorial again, select the option from **Main Menu** →  → **Help** → **View Tutorial**.

7. **Customise the device**

Follow the on screen instructions to select your preferred distance unit, date format, and time format.

8. **Unlock your Navman**

Depending on your Navman model, you may need to enter a Startup Key (which is printed on the side of the box) and then tap **OK** to unlock the device. You will only have to do this the first time you use your Navman.



It is recommended that you keep a copy of the Startup Key in a safe place.

9. **Set up Home**

The Home setup wizard only appears on the first time you start your Navman.

- Tap **OK** to set up your home immediately using the address-entry wizard.
- You can tap **Cancel** to skip the wizard, and then select your home later in My Places.

When you have finished the steps above, the *Main Menu* screen will display. If you have a GPS fix, you can start to use Navman to plan your trip.

How do I use the touch screen?

Navigating on the screen

To operate your Navman, touch the screen with your fingertip. You can perform the following actions:

- **Tap**
Press and release an item displayed on the touch screen.
- **Select**
Tap an item in a list or tap a command from a menu.

Main Menu

The Main Menu is your starting point for searching for a destination. The Main Menu also allows you to customise your Navman, view saved locations as My Place/Home, and search for POIs nearby, and so on.

 *Main Menu* screen options and the order of the options may differ from the above, depending on your region, maps installed or model of Navman.

 Tap  to show the next page of Main Menu.



- 1 Search for places, areas and streets to help plan your route.
- 2 Display the *Map* screen.
- 3 Access your saved locations.
- 4 Configure your Navman to enhance your navigation experience.
- 5 Explore the area around your current position or destination.
- 6 Add or begin a planned trip with multiple waypoints.
- 7 Display the calculated route in simulation mode.
- 8 Record GPS coordinates of a location or a journey.
- 9 Select your navigation mode: Car, Truck (for selected models), or Pedestrian.
- 10 Set or navigate to your home address.
- 11 Search for Points of Interest nearby.

How do I navigate through the menu screens?

How do I return to the *Main Menu* screen?

You can return to the *Main Menu* screen at any time by:

- tapping the MAIN MENU button () in the title bar of the menu screen, which allow you to navigate through the menu screens easily.

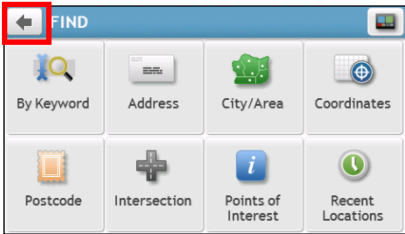
 In some menu screens (such as the *Keyboard* screen), the MAIN MENU button () will not appear in the title bar. In this instance, you have to tap the BACK button () repeatedly.

How do I use the BACK button in the title bar?

- 1. From the *Main Menu* screen, tap the desired menu button to enter the menu screen.

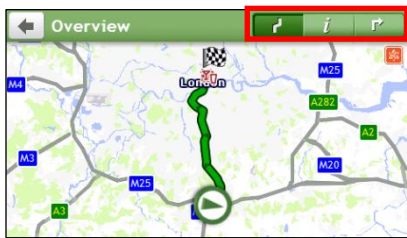
For example, tapping  will lead you to the *FIND* screen.

- 2. The system provides the BACK button () in the title bar of the menu screen, which allow you to navigate through the menu screens easily. You can return to the previous screen by tapping the BACK button.



How do I use the tabs in the title bar?

In some menu screens (such as the map *Overview* screen), the system provides the tab buttons in the title bar that allow you to enter the additional page in the menu screen. Simply tap the desired tab to change the view.



 The selected tab will be highlighted as a darker-colour tab.

How do I use the keyboard screen?

The keyboard screen will display when you are required to enter text, such as when searching for a street name. Search results will be listed in matching order, with the closest matches appearing on the screen. A maximum of 99 results will display.

The keyboard screen can display with various layouts depending on the information you need to enter, including alphabet, number, alternate characters and combinations of these.



How do I enter characters/numbers?

- To select a character, tap the character.
- To delete a character, tap . Tap and hold  to delete the entire text.
- To enter numbers, tap .

How can I set my keyboard preference?

1. From the keyboard screen, tap . The *Keyboard preference* screen will display.
2. Select the preferred keyboard type from the list.

How do I go from A-B?

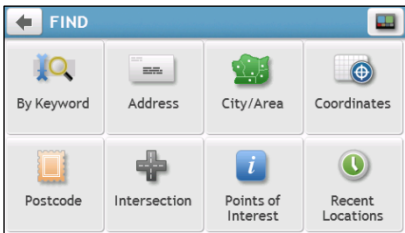


WARNING: For your safety, enter destination information before you start a journey. Do not enter a destination while driving.

How do I use the FIND wizard?

Your Navman is equipped with maps that provide street-level detail for door-to-door navigation, including Points of Interest such as accommodation, parking areas, petrol stations, railway stations and airports. The FIND wizard allows you to search the location easily.

1. On the Main Menu, tap  to display the *FIND* screen.



2. Complete the following:

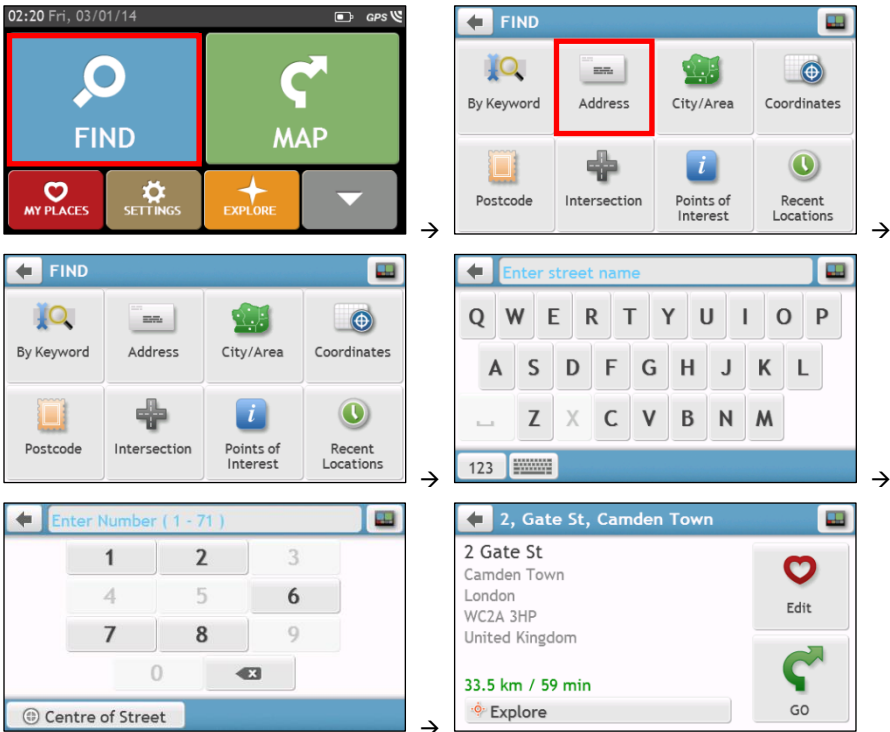
If you want to...	Then...
search for an address,	tap  .
search all information on the device - city, streets, named sites, features, landmarks or venues,	tap  .
search for a city/area,	tap  .
search a location by postcode,	tap  .
search for a Point of Interest,	tap  .
search for a location using a GPS coordinate,	tap  .
search for a street intersection,	tap  .
navigate to a recently visited location,	tap  .



For further instructions on searching for a POI, refer to the “How do I search for a POI?” section.

How do I plan my first trip?

Using your Navman to plan your first trip is easy. There are several ways to select your destination. Complete the following to navigate to a street address that you know using the FIND address wizard.



When it is the first time you use FIND wizard, the *Select Country* screen will appear before the *FIND* screen. Select your country and then you can start searching location.

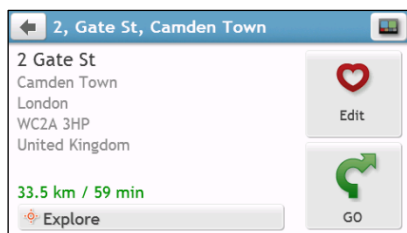
If needed, you can change the country to search location. To select the other country, tap the National Flag button (e.g.) in the title bar of the keyboard screen before you search the city.

Complete the following:

If you want to...	Then...
calculate the route and start navigating,	tap
save the location as a favourite,	tap
save the location as Home,	tap → . The <i>Edit</i> screen will display. Tap
explore the map,	tap

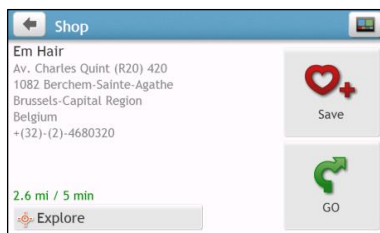
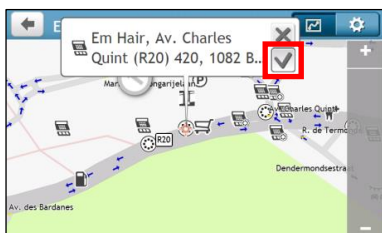
How do I preview the destination on map?

After searching an address (or a POI), you can preview the destination on map to explore the area near the location. On the *Destination* screen, tap the  button to display the destination preview map as below.



On the destination preview map, you can:

- Tap the  /  button to zoom in/out the map.
- View the information of your destination that is shown at the top of the *Map* screen.
- Tap on a street/area/POI to display the related information of the location near your destination.
- Tap on the map to select the other destination. The information of the selected street/area/POI near your destination will be displayed. Tapping the check mark will bring up the *Destination* screen of the selected location.



How do I preview a route?

 Route simulation is not available on all models.

Depending on your Navman model, you will be able to plan a route in simulation mode that allows you to:

- preview a route.
- plan and view a route without a GPS fix, such as when you are inside a building.

The following steps will show you how to preview a route.

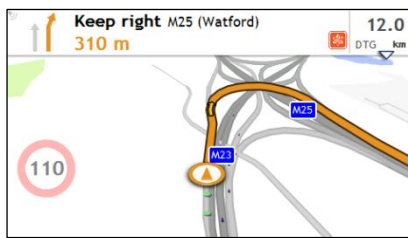
1. On the Main Menu, tap .
2. Select a departure point through the *Leaving from...* screen.



If you have a GPS fix, you can simply select the **Here** button () so that you do not need to select a departure point. Otherwise, use the **FIND** address wizard, **Explore** map, **My Places/Recent Locations** menu or **Home** to set the departure point if you want the demonstrated route to start elsewhere.

3. Select a destination point through the *Going to...* screen.
4. When done, tap .

5. The *Map* screen will display the calculated route in route simulation mode. Select a route type and tap , and the route demonstration will start automatically.



 The simulated route will be displayed as orange colour.

Truck mode

 The Truck mode is not available on all models and is only available in selected countries.

This feature is specifically designed for large vehicles. The Truck mode enables, with the input of your vehicle or trailer details, to calculate safer and more efficient routes to avoid the length/width/height/weight restricted tunnels and bridges, as well as sharp turns and narrow country lanes.

**WARNING:** Do not rely solely on this product and its features. Using this product does not change the requirement for a driver to take full responsibility for his behaviour. This responsibility includes observing all traffic rules and regulations in order to avoid accidents, personal injury or property damage.

How can I plan my route using Truck mode?

1. On the Main Menu, tap .
2. Tap **Truck** depending on your large vehicle type.
3. Complete the following:

If you want to...	Then...
set the details for your truck,	enter the following data of the truck: ▪ total truck weight ▪ maximum axle weight ▪ total truck length ▪ maximum truck width ▪ maximum truck height  You must complete the details of the truck settings before you can use Truck mode to plan your route.
set how you want to receive the speed limit alerts,	tap Speed limit display/ Speed limit alerts to turn it on or off.
limit the route planning while shipping hazardous materials in the truck,	tap Has Hazmat and select the proper option.

 When in Truck mode, your route will be displayed using  icon.

How do I activate Truck mode after the free trial?

Your Navman comes with pre-activated Truck mode service for one-month free trial. You will be prompted to purchase (from Navman e-shop online) and re-activate the service when the trial period has expired.

A product key will be sent to you via email when you have subscribed. You will need to use this product key to activate your subscription. (For more information, refer to the "What is NavDesk?" section.)

Pedestrian mode

The Pedestrian mode allows you to navigate to your destination using roads and paths appropriate for a pedestrian, including road where driving may be prohibited (like pedestrian zones for example).

When in Pedestrian mode, you will not be routed onto motorways and their associated on/off ramps (slip roads). If your destination is more than 10 kilometres (6.3 miles) away, a warning message is displayed indicating that the route is a long way to walk.

How can I set my navigation mode to Pedestrian?

1. On the Main Menu, tap .
2. Tap **Pedestrian**.

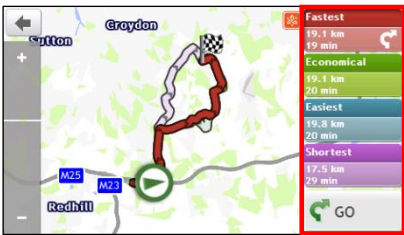


When in Pedestrian mode, your route will be displayed using  icon.

How do I view my route?

How do I select the route type?

Depending on your Navman model, the *Select Route Type* screen will be displayed when you tap  from the *Destination* screen. All of the four route types (**Fastest**, **Economical**, **Easiest** and **Shortest**) will be calculated.



Select your preferred route and tap  to start navigating.

 For more information about setting the preferred route type, refer to the Route options section in "What can I customise?"

The driving map

When you select a route type and tap , the *Map* screen will display. You will be directed to your destination by spoken and visual instructions.

 The driving map will be displayed automatically when:

- a route is calculated and selected.
- the device is reset and the user is on a route.

Alternatively, you can access the *Map* screen manually by tapping  on the Main Menu.



	Item	Description
❶	Direction and distance of next turn	The direction and distance to your next turn. Tap  to repeat the vocal instruction.
❷	Current route	Your current route is highlighted.

	Item	Description
3	Current position	Your current position is marked with  .
4	Address bar	The current address will be displayed in the text box at the bottom of the <i>Map</i> screen.
5	Distance and time information	Tap to expand and select the following options: ▪ DTG (Distance to Go) ▪ TTG (Time to Go) ▪ km/h or mph (speed) and compass heading ▪ ETA (Estimated Time of Arrival) ▪ Time



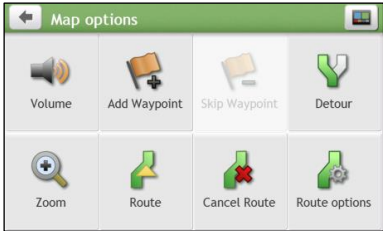
Depending on your driving route, you may see some icons that provide different information on your *Map* screen. Please note that these icons will not be always displayed during your journeys.

For example: the Speed Limit icon () on the *Map* screen. The Speed Limit icon shows the speed limit of the current road. If greyed out, you are below this speed limit. When over set limit, you will be warned with an audible and visual warning.

How do I change the route configuration?

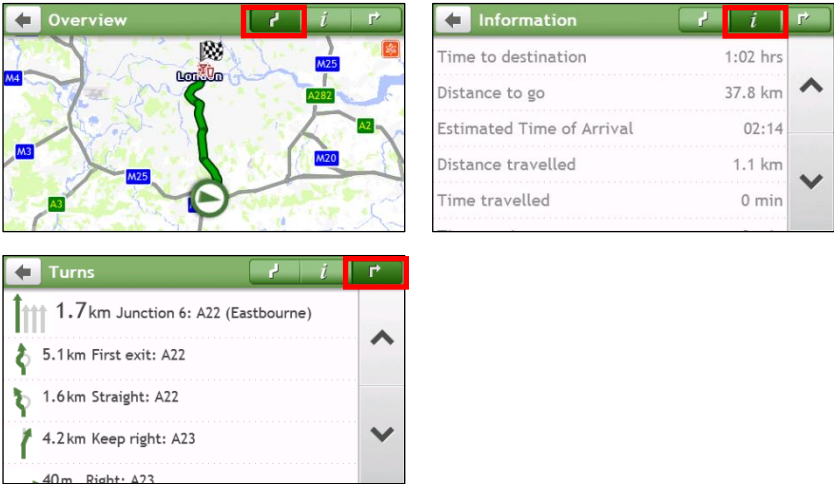
Tap anywhere on the *Map* screen to bring up the *Map options* screen, which allows you to change the route-related configuration.

For more information about changing the route configuration, refer to the following sections in this manual.



How do I view my route statistics?

- 1. From the *Map options* screen, tap .
- 2. Tap the tabs in the title bar to view the additional information in the different screens.

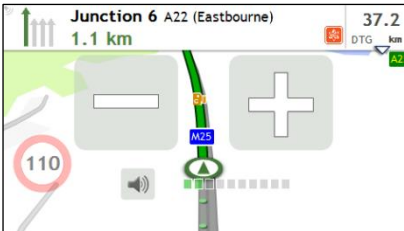


- 3. Your Navman provides information on your:
 - time to destination
 - distance to go
 - estimated time of arrival
 - distance travelled
 - time taken for trip
 - stationary time
 - TTD/DTG/ETA for the journey*

* Depending on the route calculated, you may see more information on the screen such as the estimated time/distance to the next stop when your trip contains multiple waypoints.

How do I adjust the volume?

- 1. From the *Map options* screen, tap .
- 2. The volume buttons will be displayed on the *Map* screen in translucent mode.



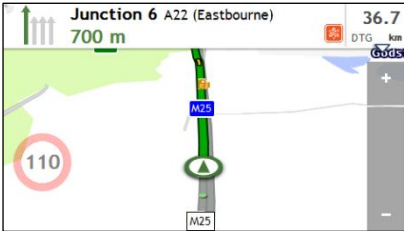
3. Complete the following:

If you want to...	Then...
increase/decrease the volume,	tap  /  . The volume bar indicates the current volume level.
mute/unmute,	tap  . The speaker icon indicates the status:  : muted  : unmuted

 The volume buttons will automatically disappear after the map is idled for 5 seconds.

How do I zoom in/out the map?

1. From the *Map options* screen, tap .
2. The zoom buttons will be displayed on the *Map* screen in translucent mode.



3. Complete the following:

If you want to...	Then...
zoom in the map,	tap and hold  .
zoom out the map,	tap and hold  .

 The zoom buttons will automatically disappear after the map is idled for 5 seconds.

Advanced routing functions

SmartRoutes

Your Navman features SmartRoutes, which intelligently anticipates congested roads at peak times so that they can be avoided. SmartRoutes does this by using historical, anomalous data from millions of fellow drivers. Since SmartRoutes helps you automatically avoid predicted heavy congestion, you will be able to save time and money during your journeys.

 SmartRoutes is not available on all models and is only available in selected countries.

LearnMe Pro™

With LearnMe Pro technology, your Navman includes an intelligent capability that learns and adapts to your personal driving style. Over time, your Navman learns your preference for road types and driving speeds, turns and more. Your Navman will save the information and provide a more personalised route and accurate time of arrival the next time you plan a trip.



For more information about SmartRoutes and LearnMe Pro settings, refer to the Route options section in "What can I customise?"

Back-On-Track™ automatic rerouting

You will be redirected if you make a wrong turn. A message informing you that your route is being re-calculated will display at the top of the screen.

To cancel a route re-calculation, tap  from the *Map options* screen. A warning will display asking you to confirm the cancellation. If confirmed, both the re-calculation and your current route will be cancelled.

Parking assistant

You will be reminded of the parking information when you are arriving at the destination (within 1 km) of the route.

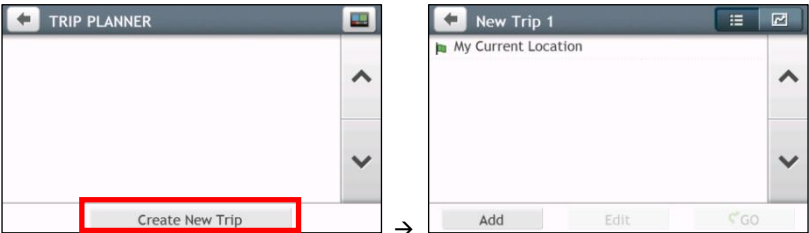
Simply tap the  icon on the *Map* screen to show the nearby parking lots that are sorted by distance.

How do I create a trip with multiple stops?

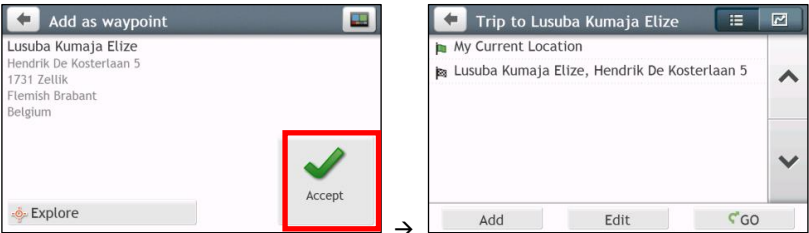
TRIP PLANNER is not available on all models and is only available in selected countries.

Depending on your Navman model, you will be able to set multiple stops or waypoints for your trip. Your route will be calculated to go via each of these points in the specified order.

- 1. On the Main Menu, tap . The *TRIP PLANNER* screen will display.
- 2. Tap **Create New Trip**. The *Edit* screen will display.



- 3. Tap **Add**. The *Add as waypoint* screen will display. Use the **FIND** address wizard, **Explore** map, **My Places/Recent Locations** menu or **Here/Return to start** to set the waypoint.
- 4. When your search is done, tap . The waypoint is added and the *Edit* screen will display.



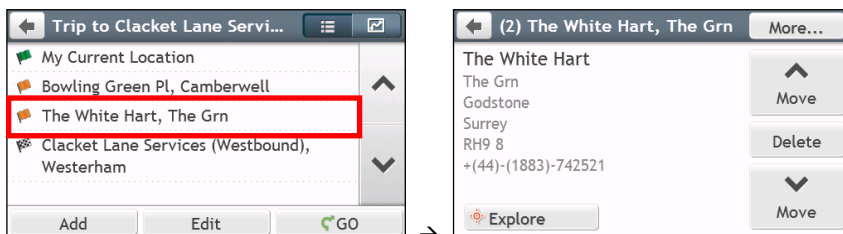
- 5. Complete the following:

If you want to...	Then...
add another waypoint,	tap Add . The <i>Add as waypoint</i> screen will display. Return to step 3.  Waypoints added after a multi-stop trip has commenced will not be included in the current route.
navigate to your selected destination,	tap  . The <i>Map</i> screen will display the calculated route.
edit the trip,	tap Edit , then you can: ▪ optimise your trip by selecting Optimise. ▪ change the trip title by selecting Rename. ▪ delete the planned trip by selecting Delete.

 The **Optimise** function does not take all factors into account. Your waypoints might be reordered to reduce your estimated travel distance. Be sure to confirm the trip on the map and make adjustments as appropriate, particularly if your trip returns to the start location.

How do I edit the waypoints in the trip?

1. On the Main Menu, tap . The *Trip Planner* screen will display.
2. Tap the trip to edit.
3. Tap a waypoint in the trip. The *Preview* screen will display.



4. Complete the following:

If you want to...	Then...
delete a waypoint,	tap Delete , then select OK .
change the order of the waypoint,	tap  or  .

How do I skip a waypoint during a multi-stop trip?

1. Tap anywhere on the *Map* screen to bring up the *Map options* screen.
2. Tap , then select **Yes**. The next waypoint will be skipped and the route recalculated to the following waypoint.

 You can also add waypoints during the trip by selecting  from the *Map options* screen.

How do I capture a location or a journey?

The capture functionality is not available on all models.

Your Navman has a capture feature which allows you to record GPS coordinates of a location and capture a journey and save them so you can navigate back at a later time.

How do I capture the GPS coordinates of my location?

1. Tap  on the Main Menu.
2. The *Capture* screen will display.



3. Tap **Save**, or wait for 5 seconds. You will hear a shutter sound to indicate that the GPS coordinates have been saved. The location is saved in My Places.

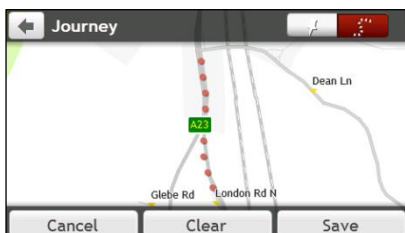


Tap **Save as Car** will save the current car location in My Places.

How do I capture a journey?

To enable capturing of journeys, you must first enable **Capture Journey** from **Main Menu** →  → **Route options**. For more information, refer to the “What can I customise?” section.

1. At the beginning of the journey you would like to record, tap **Clear**. All travel that you have made (i) since midnight, (ii) the previous time you tapped **Clear**, or (iii) last captured a journey, will be deleted.
2. Travel on your journey. Your Navman will keep a record of where you travel.
3. At the end of your journey, tap  on the Main Menu.
4. On the *Capture* screen, tap . The *Journey* screen will display.



5. Tap **Save**, then **Yes**. The journey is saved in My Places.

How do I navigate to a location I have captured?

1. On the Main Menu, tap . The *MY PLACES* screen will display.
2. Tap the captured destination you want to travel to (). The *Preview* screen will display.
3. Tap . Your Navman will calculate the route from your current location. The *Map* screen will display.

How do I navigate to the saved car location?

1. On the Main Menu, tap . The *MY PLACES* screen will display.
2. Tap **Find My Car**. The *Find My Car* screen will display.
3. Tap . Your Navman will calculate the route from your current location. The *Map* screen will display.

How to view a journey I have captured?

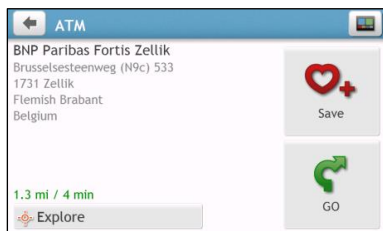
1. On the Main Menu, tap . The *MY PLACES* screen will display.
2. Tap the captured journey you want to view ().

My Places

My Places has all your saved locations.

How do I save a location as My Place or Home?

1. Search for an address until the *Preview* screen is displayed.



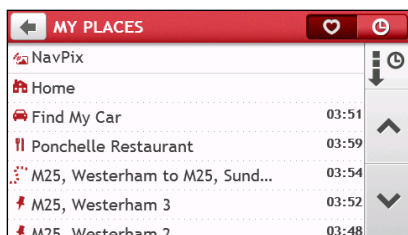
2. Tap . The Save screen will display. The location has been added to My Places.



3. To save the location as Home, tap . The *Edit* screen will display.
Tap . The location has been set as Home.

How do I navigate to a location I have saved?

1. On the Main Menu, tap . The *MY PLACES* screen will display.



Tap the **Sort by** button on the top of the scrolling buttons to change the sorting order of the items:



: by time



: by name



: by type

2. Tap the favourite destination you want to travel to. The *Preview* screen will display.
3. Tap . Your Navman will calculate the route from your current location. The *Map* screen will display.

How do I navigate to Home?

If you have not set an address as Home, the first time you try to navigate to Home you will be prompted to search for an address using the address-entry wizard.

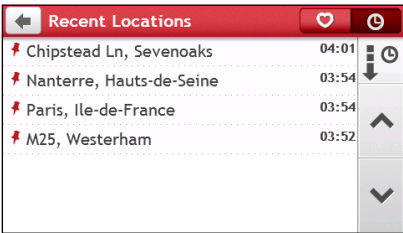
- 1. On the Main Menu, tap . The MY PLACES screen will display.
- 2. Tap . The Preview screen will display.
- 3. Tap . Your Navman will calculate the route from your current location. The Map screen will display.

 Once your home has been set on your Navman, simply tap  on the Main Menu and you will be directed to Home quickly.

How do I navigate to a recent place?

To make navigating to an address easier, your Navman will automatically save all your start locations and destinations in a list of recent places.

- 1. On the Main Menu, tap . The MY PLACES screen will display.
- 2. Tap . The Recent Locations screen will display.



- 3. Tap a recent place. The Preview screen will display.
- 4. Tap . Your Navman will calculate the route from your current location. The Map screen will display.

How do I edit a saved location in My Places?

- 1. On the Main Menu, tap . The MY PLACES screen will display.
- 2. Select a location to edit. The Preview screen will display.
- 3. Tap . The Edit screen will display.
- 4. Complete the following:

If you want to...	Then...
save the location as Home,	tap  .
rename the location,	tap  . The keyboard screen will display. After you have edited the name, tap OK .
delete the location,	tap  .

How do I navigate to a NavPix™?

 **NavPix™** is not available on all models and is only available in selected countries.

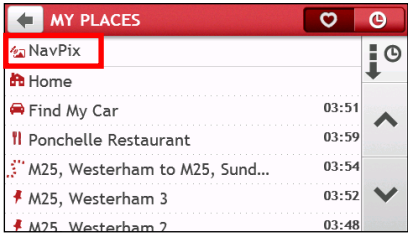
NavPix™ is an image or picture, normally of a location, which contains embedded GPS coordinates that you can navigate to.

To navigate to a **NavPix™** location, either a GPS fix must have been available when the **NavPix™** was taken, or GPS coordinates have been added using NavDesk.

How do I navigate to a NavPix™ in an album?

 For more information about importing the **NavPix™** to your Navman, refer to the Photo Album section in "What is NavDesk?"

1. On the Main Menu, tap . The *MY PLACES* screen will display.
2. Tap **NavPix**.



3. From the list select the album () you want. The album contains your pictures and displays them as thumbnails.



Item	Description
	Tap to return to the previous screen.
NavPix™ thumbnail	A thumbnail of a NavPix™ contained in the album. To select a NavPix™ , tap the thumbnail.
	Indicates that the picture is a NavPix™ , with embedded GPS coordinates.
Slide Show	Displays all images in the album as a full-screen slideshow.

4. Tap the thumbnail of the **NavPix™**. The **NavPix™** will appear in full-screen.



Item	Description
	Tap to start/stop slideshow.
	Tap to display the <i>NavPix Details</i> screen.
	Tap to calculate the route, open the <i>Map</i> screen and start navigating.
	Tap to scroll through your NavPix™ .

How do I edit the NavPix™?

1. From the *Album* screen, tap the thumbnail of the **NavPix™**. The **NavPix™** will appear in full-screen.
2. Tap . The *NavPix Details* screen will display.
3. Complete the following:

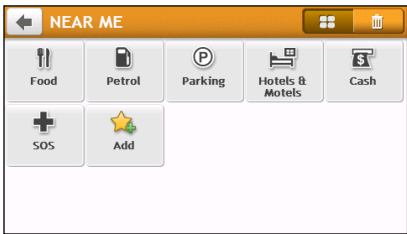
If you want to...	Then...
calculate the route and start navigating,	tap . The <i>Map</i> screen will display.
edit the NavPix™ ,	tap . ▪ To save the location as Home, tap . ▪ To rename the title of the NavPix™, tap . ▪ To delete the NavPix™, tap .
explore the map,	tap .

How do I search for a POI?

A POI (Point of Interest) is a named site, feature, landmark or public venue which can be displayed as an icon on the map. POIs are grouped by category, such as petrol stations, parks, beaches and museums.

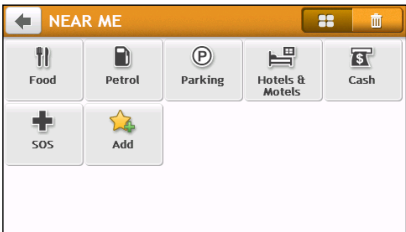
How do I find the nearest POIs using Near Me?

Near Me services allows you to quickly search the local area for common types of important POIs.



	Search for the nearest restaurants, cafes, fast-food premises and other dining establishments.
	Search for the nearest petrol stations.
	Search for the nearest parking places.
	Search for the nearest hotels and motels.
	Search for the nearest banks and ATMs.
	Search for the nearest emergency services, including hospitals and police.
	Customise the categories for search.

- On the Main Menu, tap . The *Near Me* screen will display.
- Select the desired POI category (for example, Food). The search result will be listed in the *Select POI* screen.



- Tap  or  to scroll up or down the list. Select the desired item to display the destination screen.

4. Complete the following:

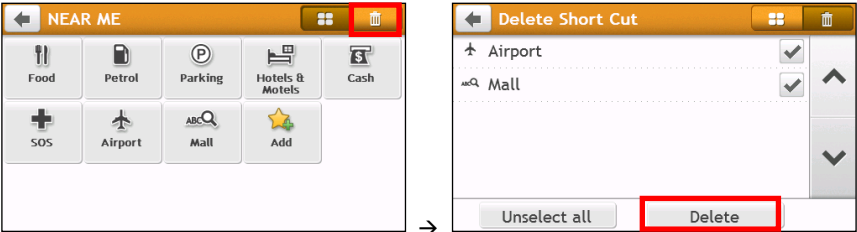
If you want to...	Then...
calculate the route and start navigating,	tap  . The <i>Map</i> screen will display.
save the location as a favourite,	tap  . The location will be saved in My Places immediately.
explore the map,	tap  .

How do I customise the categories for search?

1. On the Main Menu, tap . The *Near Me* screen will display.
2. Tap .
3. From the pop-up message screen, do one of the following:

If you want to...	Then...
add the categories by POI type,	tap POI type . Select the desired category for search.
add the categories by keywords,	tap Keywords . Enter the keyword of the category for search.

4. To delete the added categories, tap . Select the category to remove and then tap **Delete**.

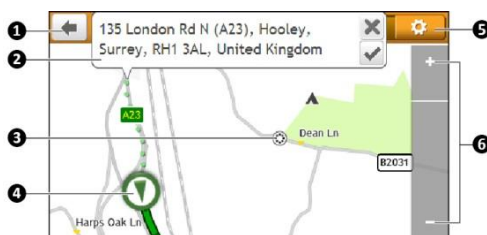


How do I find the POIs using Explore?

 Explore is not available on all models and is only available in selected countries.

Depending on your Navman model, you can search for the POIs using Explore map. The Explore map allows you to explore the local area to find Points of Interest (POIs) or navigate to an address. If you do not have a GPS fix, the map will display your last known position.

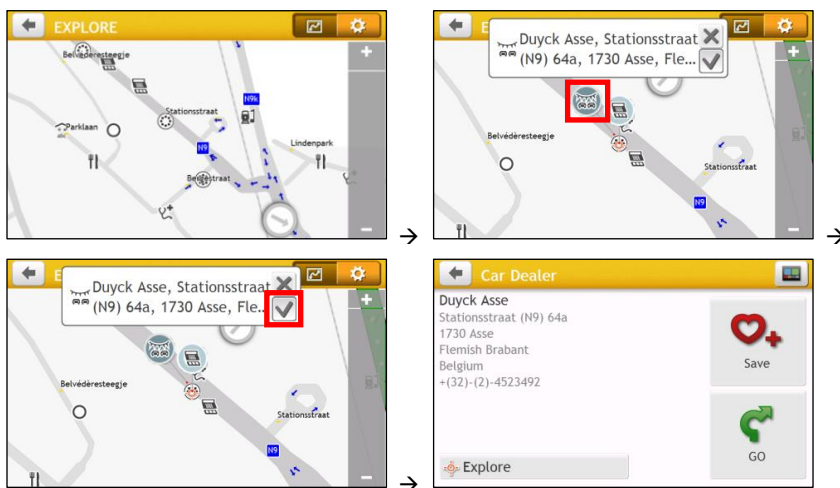
1. On the Main Menu, tap . The *Explore* screen will display.
2. On the Explore map, you can:
- View the information of the selected POI that is shown at the top of the screen.
 - Tap and drag the map to explore your desired local area.
 - Tap the map to display a POI Cluster showing POIs in the surrounding area. Tap a POI icon to show more information and navigate to the POI.



	Item	Description
1		Tap to return to the previous screen.
2	Information area	Display the information of the selected POI/position.
3	POI Cluster	To display a POI Cluster, tap an area on the Explore map. Tap an icon or street name in the POI Cluster to view information and options.
4	Current position	Your current position is marked with
5		Tap to display the <i>POI Display</i> screen, allowing you to set POI preferences.
6		To zoom in or out, tap and hold or . Zooming in or out will increase or decrease the area contained within the Explore area.

How do I find a POI using the POI Cluster?

Tapping on the POI selected will bring up the screen with the POI destination details.



Complete the following:

If you want to...	Then...
calculate the route and start navigating,	tap . The <i>Map</i> screen will display.
save the location as a favourite,	tap . The location will be saved in My Places immediately.

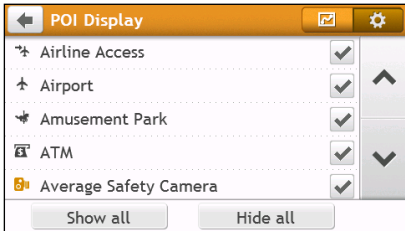
If you want to...	Then...
explore the map,	tap  .

How do I set my POI preferences?

Points of Interest (POIs) are grouped into categories. You may choose to either display (or hide) icons of all POI categories on the *Map* screen, or only display the icons from selected categories.

For example, you may only be interested in entertainment venues and want to disable other categories such as schools.

1. Tap . The *POI Display* screen will display.



2. Complete the following:

If you want to...	Then...
display all POI icons (i.e. icons from all categories),	tap Show all .
display no POI icons,	tap Hide all .  Hiding POIs will stop you from finding them when using explore mode/cluster search.
select a specific POI category icon for display on the <i>Map</i> screen,	tap the required POI category to show (☒) or hide (☐) on the <i>Map</i> screen. Repeat until all required categories are selected.
return to the Explore map,	tap  .

- Your preferences are automatically saved.

How do I search for a POI by type?

1. On the Main Menu, tap .
2. Tap . The *Find a POI* screen will display.



3. Complete the following:

If you want to...	Then...
search for the POIs near your current location,	tap  .
search for the POIs in a specified city or area,	tap  . The keyboard screen will display. After you have entered a name of a city/area, tap OK .
search for the POIs on your route,	tap  .
search for the POIs near your destination,	tap  .

4. The *POI Type Selection* screen will display. Complete the following:

If you want to...	Then...
search for POIs by keyword,	tap  . The keyboard screen will display. After you have entered a keyword, tap OK .
search for restaurants, cafes, fast-food premises and other dining establishments,	tap  .
search for petrol stations,	tap  .
search for parking places,	tap  .
view more POI types,	tap  . The <i>Select POI Type</i> screen will display. Select a POI type.
search for hotels and motels,	tap  .
search for banks and ATMs,	tap  .
search for emergency services,	tap  .

5. The *POI List* screen will display. Tap the desired item from the list.

Select POI

-  **De Lang Schemer**
Assesteenweg, Mollem, Asse 350 yd
-  **De Bakker Marina**
Veldeken, Bollebeek, Mollem 800 yd
-  **De Baerdemaeker Leopold François**
Steenweg op Asse, Brussegem, Mer... 0.5 mi
-  **Portée Georges**
Kersgatstraat, Brussegem, Merchtem 0.6 mi
-  **Dedoncker Erna**
Velm, Mollem, Asse 0.6 mi

→

Café/Pub

De Bakker Marina
Veldeken 41
1730 Bollebeek
Flemish Brabant
Belgium
+(32)-(2)-5226830

 Save
 GO

0.5 mi / 1 min

 Explore

6. Complete the following:

If you want to...	Then...
calculate the route and start navigating,	tap  . The <i>Map</i> screen will display.
save the location as a favourite,	tap  . The location will be saved in My Places immediately.
explore the map,	tap  .

How do I search for a POI by keyword?

Complete the following to navigate to a POI or the street address that you find by keyword.

- 1. On the Main Menu, tap .
- 2. Tap . Enter the keyword of the POI or Street Address that you want to search.
- 3. Complete the following:

If you want to...	Then...
calculate the route and start navigating,	tap  . The <i>Map</i> screen will display.
save the location as a favourite,	tap  +. The location will be saved in My Places immediately.
explore the map,	tap  .

What can I customise?

Depending on your Navman model, certain setting options may not be available.

There are various customisation options available to enhance your navigation experience.

1. On the Main Menu, tap . The *Settings* screen will display.
2. Select the option you want to customise from the *Settings* screen.
3. Once you change the settings and return to the previous screen, your preferences are automatically saved.

 *Settings* screen options and the order of the options may differ, depending on your region, maps installed or model of Navman.

 While changing the settings, the check box next to the option indicates the setting status:

☒ : on/enabled ☐ : off/disabled

Audio

Complete the following:

If you want to...	Then...
increase/decrease the volume,	tap  /  .  You can simply tap on the Volume bar so that the volume will be set immediately at the position you tapped. The Volume bar indicates the current volume level.
mute/unmute,	tap  . The speaker icon indicates the status:  : muted  : unmuted
hear which letter you have tapped when you tap the touch screen,	tap Touch audio to turn it on or off.

Screen

Complete the following:

If you want to...	Then...
change the displayed screen mode,	tap Screen mode and select: ▪ Auto: set to automatically change between Day and Night modes. ▪ Day: set the screen to be displayed in Day mode. ▪ Night: set the screen to be displayed in Night mode.

If you want to...	Then...
change the screen brightness in day/night mode,	tap  /  on the Day brightness/Night brightness bar. The brightness bar indicates the brightness level. Warning: Your Navman can heat up when the brightness scale is set high, therefore, use lower brightness whenever acceptable.  You can simply tap on the brightness bar so that the screen brightness will be set immediately at the position you tapped.

Safety

Complete the following:

If you want to...	Then...
Enable/disable the warning message after long-distance driving,	tap Driver fatigue alert to turn it on or off.
enable/disable speed limit alerts, which warn you of the speed limit on any given road,	▪ tap Speed limit display to turn it on or off. ▪ tap Speed limit alerts and select: ○ Off: disable the speed limit alert. ○ Auto: set the system to alert automatically while your speed is above the limit. ○ Speed limit + 5 km/h (+ 3 mph): set the system to alert while your speed is 5 km/h (3 mph) or more above the limit. ○ Speed limit + 10 km/h (+ 7 mph): set the system to alert while your speed is 10 km/h (7 mph) or more above the limit.
set the speed limit alerts manually,	tap Set manual speed alert to select the speed limit or turn it off.
enable/disable a visual warning if the screen is accessed in a moving vehicle,	tap Warn me not to operate my Navman while driving to turn it on or off.
set how you want to receive the camera and safety alerts,	tap Safety Camera / Mobile Safety Camera / Average Safety Camera / Red Light Camera / Dangerous zone to select: ▪ No alerts ▪ Visual alert ▪ Visual & Audible alerts

Route options

Complete the following:

If you want to...	Then...
change the navigating mode,	tap Mode to select Car , Truck or Pedestrian .
set route type options for your route,	tap Route type to select your route type preference from the list: ▪ Fastest: The route that should be the fastest when navigating. ▪ Economical: The route with least number of stops, turns and urban areas which should save on fuel usage. ▪ Easiest: The simplest route with the least number of turns and favours motorways where appropriate. ▪ Shortest: The route with the shortest physical length.  If you do not select the preferred route type, Choose on map is set as default for this option. All of the four route types will be calculated after your search. Then, you have to select one route type on the map to start navigating.
set types of road options for your route,	tap Types of road. ▪ The <i>Types of road</i> screen will display. ▪ Select your road preference from the list.  Avoiding ferry routes may prevent you from navigating between certain countries, even when a bridge or tunnel exists.
set the routing preference,	tap Advanced routing to turn the SmartRoutes / LearnMe Pro functions on or off. ▪ Use historic traffic speed data: enable/disable the SmartRoutes function. ▪ Use learned driver behaviour: enable/disable the LearnMe Pro function. ▪ Driving speed records: display the information of your driving speed in Motorway / Highway / Major road / Minor road.
set the avoidance manually,	tap Custom Avoidance. ▪ Tap Add Avoid Road and then follow the on screen instructions to select the avoid road from the map view screen. ▪ Tap Add Avoid Area and then follow the on screen instructions to select the avoid area from the map view screen.  Once the avoidance has been set, it will not be added to your route while you are planning the trip.  To edit the assigned avoidance, tap the item from the <i>Custom Avoidance</i> screen and then select Enabled/Disabled, Rename, or Delete.
display the installed custom POI,	tap Custom POI alerts .

If you want to...	Then...
display landmarks on your route,	tap Landmark guidance to turn it on or off.
record mileage for your route to generate expense reports,	tap Mileage recorder to turn it on or off.
record your journey,	tap Capture Journey to turn it on or off.

Map display

Complete the following:

If you want to...	Then...
enable/disable automatic zooming during navigation,	tap Auto-zoom map when navigating to turn it on or off. If selected, the <i>Map</i> screen will automatically zoom in or out, depending on your speed, to allow optimal viewing of your route.
display “no entry” icons on “no entry” roads on the <i>Map</i> screen,	tap Show no-entry road signs to turn it on or off. When turned on, the map display performance can slow down due to the number of no entry roads in some major cities.
set your <i>Map</i> screen preference,	tap Map to select between a 3D or 2D view of the <i>Map</i> screen.
change the map colour scheme,	tap Map scheme , then select a colour scheme from the list.

My Maps

Complete the following:

If you want to...	Then...
view the map information,	tap Map version to display a list of all maps, providing the following information: ▪ Name ▪ Date ▪ Version/Build number ▪ Coverage area
select a set of maps to load,	tap Map set , then select your preference from the list.
check the expiring maps,	tap Expiring maps to display a list of maps that are to expire soon.

Language



The available settings of the Language option can be customised by adding/deleting the voice file through NavDesk when your Navman is connected to the computer. For more information, refer to the My Navman section in “What is NavDesk?”

Complete the following:

If you want to...	Then...
change the on-screen language,	tap Language and select your preferred language from the list.
change the voice scheme,	tap Voice and select your preferred voice scheme from the list.

Units

Complete the following:

If you want to...	Then...
change the distance units,	tap Distance units and then select your preferred distance unit type.
change the time format,	tap Time format and then select your preferred time format.
change the date format,	tap Date format and then select your preferred date format type.

Time Zone

Complete the following:

If you want to...	Then...
set the time zone automatically,	select Auto time zone .
change the time zone manually,	select Manual time zone , then adjust the setting by tapping  /  .

Trip Meter

The Trip Meter option displays the information of your trips.

 : display the current trip

 : display all trips

Device

Complete the following:

If you want to...	Then...
delete the saved information on your Navman,	tap Delete saved information : ▪ Tap Delete My Places and tap Yes when the warning dialog box displays. The data saved in My Places will be deleted. ▪ Tap Delete recent locations and tap Yes when the warning dialog box displays. The data of recent locations will be deleted. ▪ Tap Delete planned trips and tap Yes when the warning dialog box displays. The planned trips saved on your Navman will be deleted.

If you want to...	Then...
restore factory default settings,	tap Restore factory defaults. When the warning dialog box displays, tap Yes. Your Navman will restart.  The Restore factory defaults option allows you to restore default factory settings but will not delete recent locations or saved My Places destinations.  When you restore factory defaults, your LearnMe Pro profile will be cleared from the device.
reset the GPS,	tap Reset GPS. When the warning dialog box displays, tap Yes.  Occasionally, the GPS fix may need to be reset. This may occur if the receiver has been transported a long distance since last being used; for example, to a different country, and is still trying to establish the previous position.
record a GPS log of your trip,	tap GPS logging to turn it on or off.

Demo

 Demo will begin when the device is connected to power via genuine Navman AC chargers.

Complete the following:

If you want to...	Then...
enable a shop demonstration of Navman Spirit to be played,	select a demonstration country from the list and tap Start. Tap OK. Your Navman will restart. When your Navman is in Shop demo mode, you will see the navigation demonstration of the pre-defined route without having to set a destination.  You cannot operate your Navman properly in Shop demo mode.

Help

Complete the following:

If you want to...	Then...
view the tutorial,	tap View Tutorial. To display the tutorial on each start-up, select the Show tutorial on start-up option on the initial screen of tutorial.
view copyright and trademark information,	tap About .

What is NavDesk?

NavDesk is a suite of tools you can use to access greater functionality and product information via your computer.

NavDesk allows you to:

- obtain software updates
- manage maps
- search online for local POIs
- manage custom POIs
- plan trips
- manage safety camera subscriptions
- browse the Navman website for special offers



Depending on your Navman model, certain NavDesk menu options may not be available.

Can I use NavDesk with my computer?

Ensure your computer has the following *minimum* system requirements before installing NavDesk:

- IBM compatible PC
- Microsoft Windows Vista, Windows 7 or Windows 8
- Internet Explorer 6 or later versions
- DVD drive
- USB port
- Internet connection for activation



Microsoft .NET 2.0, 3.0 and 3.5 will be installed on your computer as part of the installation of NavDesk.

How do I install NavDesk onto my computer?

CAUTION: When your Navman is turned on and connected to a computer, it is recognised as an external mass-storage device. Do NOT delete any files that are pre-installed on your Navman. Deleting the files can cause your Navman to crash.

1. Close all programs on your computer.
2. Insert the NavDesk Application Installer DVD into your computer DVD drive. The NavDesk installer will start.
If your computer does not automatically launch the DVD, start the installation manually: *Start* → *Run*. Type **D:\Install.exe** where "D" is the letter assigned to your DVD drive, then click **OK**.
3. Select your preferred language for NavDesk.
4. Click **Install Software**, then **Install NavDesk**.
5. Follow the screen prompts to install NavDesk:
 - Review and accept the Licence Agreement for NavDesk when prompted.
 - Select a destination folder for NavDesk when prompted.
 - When the installation is complete, click **Finish**. NavDesk will open.
6. If prompted to connect your Navman to your computer, complete the following:
 - Plug the large end of the USB cable (supplied) directly into a USB port on your computer (not a USB hub) and plug the small end into the USB Socket () on the bottom of your Navman.



Where possible, plug the USB cable into a USB port at the back of your computer.

- Turn on your Navman, and then select the **Computer** option from the pop-up message screen.



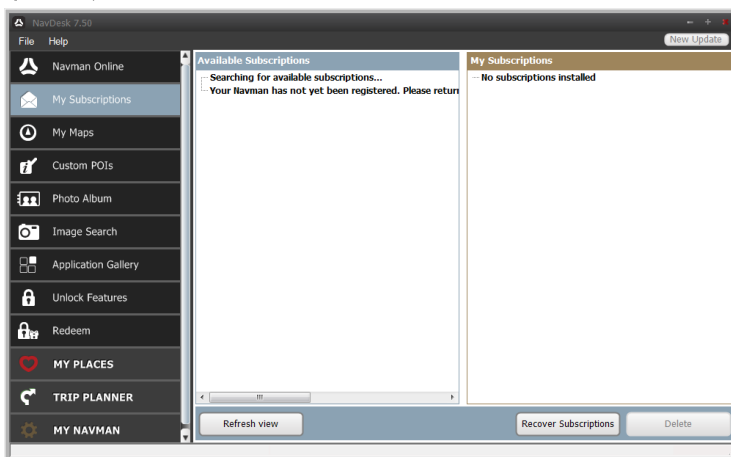
If prompted to update your Navman software, follow the on-screen prompts.

- You are now ready to use NavDesk for your Navman.

From now on, you can access NavDesk via: **Start → All Programs → Navman → NavDesk**.

My Subscriptions

NavDesk → My Subscriptions



Subscription information is not available on all models and is only available in selected countries.

Your Navman contains pre-loaded subscriptions, such as safety camera and travel book information. For the latest subscription updates, visit: www.navman.com



Safety Camera alerts can be set to enable a warning sound or visual warning when on your route.

How do I purchase a subscription?

- Select a type of subscription. A list of regions will display.
- Select a region. A list of available subscriptions will display.
- Select a subscription or offer, then click **Purchase an activation key from the Navman store**. The Navman Store website will open.
- Follow the prompts to purchase your subscription.

A product key will be sent to you via email when you have subscribed. You will need to use this product key to activate your subscription.

How do I activate my subscription?

NavDesk → Unlock Features

- Enter your product key.
- Follow the prompts to activate your subscription.

How do I update subscriptions on my Navman?

The My Subscriptions section will display a list of subscriptions already installed on your Navman:

Icon	Description
Red	Expired subscriptions. ▪ Right click to purchase a new subscription.
Yellow	Available subscriptions. ▪ Right click to update and purchase new subscription.
Green	Active subscriptions.  No updates are available for these subscriptions.

How do I recover my subscription?

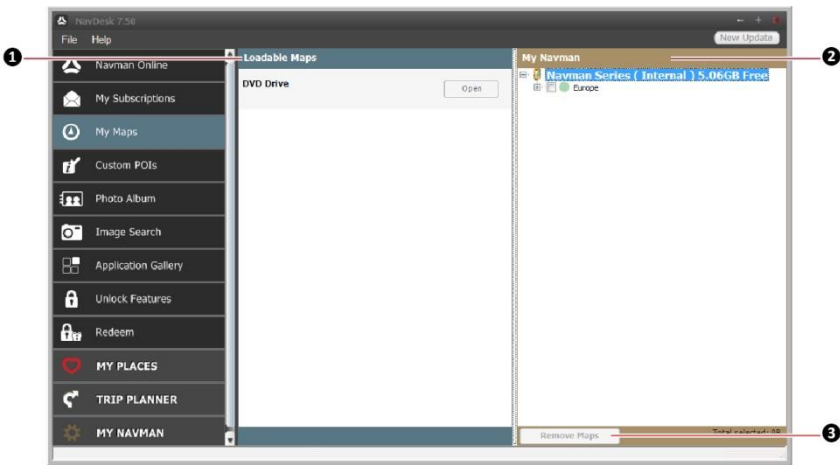
If your subscriptions are deleted and you want to recover them, click **Recover Subscriptions** at the bottom-right corner in My Subscriptions to recover all subscriptions.

My Maps

My Maps allows you to install new maps, remove maps from your Navman and purchase new maps.

 The downloaded/purchased map (*.iso) from Navman Store website will be saved on your computer's map folder (e.g. C:\username\Documents\Maps) and then displayed in My Maps. The default map folder may vary depending on your Operating System. You can change the setting of NavDesk to locate the map folder where you save the map by clicking MY NAVMAN → Options → My Maps → Change.

NavDesk → My Maps



	Component	Description
❶	Loadable Maps	A list of maps on the DVD or available for purchase via the Navman Store website. ▪ Select a map source (e.g. DVD Drive) and then click Open to display the Map Source section. ▪ From the map Source section, click Install Maps to install the selected map to your Navman. Otherwise, click Upwards to return to the Loadable Maps section.
❷	My Navman	A list of maps installed on your Navman.
❸	Remove maps	Click to remove the selected map from your Navman.

How do I download a map update?

Occasionally Navman may offer you free updates, including software applications, maps, and more. If a free map update is available and your Navman is connected to your computer, a message will display when you first start NavDesk.

1. From the pop-up message window, click **View** to display the *Device Updates* screen that contains the available updates.
2. Select the desired map update and click **Download**. NavDesk will start to download immediately.



Before downloading, you can change the download folder by clicking **Change Path**.

3. During the download operation, you can:
 - View the download status from the downloading bar.
 - Stop the download by clicking .
 - Pause the download by clicking , and then resume download at a later time by clicking .
4. When finished, the downloaded map update will be displayed in My Maps.

How do I install maps onto my Navman?

Your Navman comes with one or more pre-activated maps. Map files take up space on your Navman's internal memory. If you do not use a map file, you can remove it to free up space. You can later reinstall it to your Navman if required.

You can install maps from the following:

- DVD that came with your Navman,
- The downloaded map update,
- The map that you have purchased separately to a memory card (for the models with the MicroSD slot) or your Navman internal memory.



You may need to purchase a Map Product Key to activate maps on the DVD that came with your Navman.

1. Open NavDesk, and then click **My Maps**.
2. Select a map source (e.g. DVD Drive when a Map DVD has been inserted into your computer DVD drive) and then click **Open** to display the *Map Source* section.
 - The maps already installed on your Navman are **green**.
 - The maps that are unlocked and ready to be installed to your Navman are **yellow**.
 - The maps that require activation before being installed to your Navman are **red**.
 - The maps that are available for purchase from Navman are **blue**.



If your computer opens Windows Explorer when the DVD is inserted, close the Windows Explorer window.

3. Complete the following:

If the map to be installed is...	Then...
yellow	go to step 6.
red	the map needs to be activated via the Internet before it can be installed; continue to step 4.

4. If you connect to the Internet via a dial-up connection, connect to the Internet now.
5. Follow the prompts to activate your Map Product Key, including:
 - Enter the Map Product Key when prompted.
 - Your computer will connect to the Internet and activate your Map Product Key.
 - When activation has completed, the map will change colour to yellow; continue to step 6.
6. Click the map you want to install to your Navman. The map will change colour to a brighter yellow to indicate it has been selected. To deselect a map, click the map again.



You may need to install multiple maps to cover the required geographical area.

7. Complete the following:

If you want to...	Then...
install a yellow map,	go back to step 6.
install a red map,	the map needs to be activated via the Internet before it can be installed; go back to step 4.
install the selected maps to your Navman,	continue to step 8.

8. Select the destination media (Navman internal memory) for the selected maps, then click **Install Maps**. The selected maps will be installed and change colour to green.
9. To use your Navman, disconnect the USB cable. You may need to manually reset your Navman.



WARNING: Do not disconnect the USB cable from the Navman USB Socket until the installed map or maps have changed colour to green.

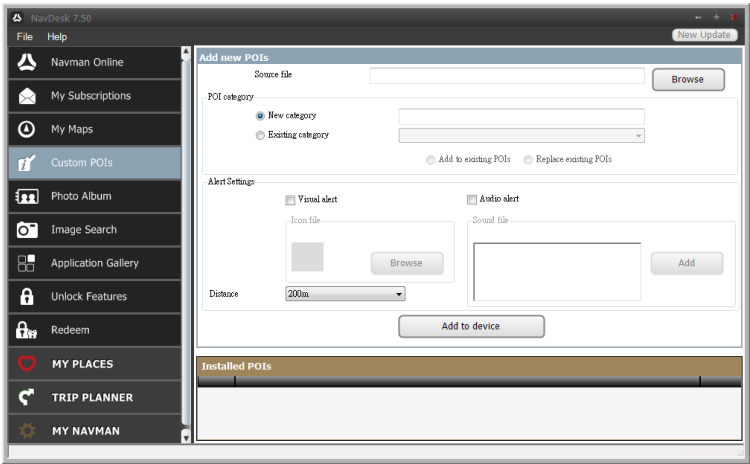
How do I remove maps from my Navman?

1. Open NavDesk, and then click **My Maps**.
2. From the My Navman panel, select the check box next to the map you want to remove.
3. Click **Remove Maps** to remove the selected maps.
4. Confirm that you want to remove the selected map when prompted. The map is removed from your Navman. You can reinstall these maps at any time via NavDesk.

Custom POIs

 Depending on your Navman model, some Custom POIs features may not be available.

NavDesk → Custom POIs



The **Custom POIs** (Points of Interest) application allows you to create or import your own POI files. These are called custom POIs. Unlike preinstalled POIs, custom POIs can be removed from your Navman and can have audio as well as visual alerts associated with them.

 To create your POI files, open Microsoft Excel and then enter the POI location details (including Longitude, Latitude, Name, and Description) in separate cells. Always use decimal degrees for coordinates and start a new location from a new line. When done, click **File → Save As** to save it as a *.csv file. Now you have successfully created a POI CSV file. The following displays the example of creating the POI file by using Microsoft Excel:

	A	B	C	D
1	-0.29694	51.1076	Horsham	A market town on the upper reaches of the River Arun in the centre of the Weald, West Sussex.
2	-0.16258	51.14468	Gatwick Airport	London Gatwick Airport (IATA: LGW, ICAO: EGKK)
3				
4				

 Various POI files are available for download free or by subscription from third-party websites. Ensure that downloaded files are in .csv (Comma Separated Values) format. Navman is not responsible for the content or accuracy of the information or the reliability or availability of these websites. The use of information regarding safety camera locations may be subject to local laws in the country of use. You are responsible for checking that you can use the information in your country or in the country where the information will be used.

How do I install custom Points of Interest?

1. In the **Add new POIs** section, click **Browse** to select a source file. The Open dialog box will open.
2. Select the file from your local or network drive, then click **Open**.
3. From the POI Category section:

If you want to...	Then...
use an existing custom POI category,	select the Existing category option, then select a type from the drop down list.
Replace an existing POI,	select the Existing category option and a type from the drop-down list, then select Replace existing POIs .  If you want to create a new POI instead, then select Add to existing POIs .
create a new custom POI category,	select the New category option, then type a name for the POI category.

4. Set Alert setting as required:

If you want to...	Then...
enable a visual warning when a POI of this category is in close proximity,	select the Visual alert check box.
select an icon to display on the Map screen for POIs of this category,	click Browse to select the icon file from your local or network drive. - When you have located the icon file, select it and click Open. - The icon file must be a bitmap (*.bmp or *.png) graphic with a minimum size of 6x6 pixels and a maximum size of 32x32 pixels.  If you do not select a custom icon, a default icon will display.
select the distance from a POI of this category at which the visual warning should display or the warning chime should sound,	select the distance from the Distance box.  To change the units used to measure distance for this POI category, from the tools menu click on options and from the general option select Use metric units check box.
enable a warning sound when a POI of this category is in close proximity,	select the Audio alert check box.
select a custom sound alert file to play when a POI of this category is in close proximity,	either select a sound file from the list, or click Add to select a sound file (.WAV format) from your local or network drive. When you have located the file, select it and click Open .  If you do not select a custom sound file, a default sound alert will play.

5. Click **Add to device** to add the POI to your Navman.

 Each file corresponds to a POI category; for example, Hotels.csv will be listed on your Navman as the Hotels category.

How do I delete a custom POI file/category from my Navman?

- 1. In the **Installed POIs** section, click **Delete** next to the file name. The file is removed from the list, but is not yet deleted.
- 2. Accept the warning message. The selected file/category is deleted.

Photo Album

 Depending on your Navman model, certain Photo Album features may not be available.

NavDesk → Photo Album

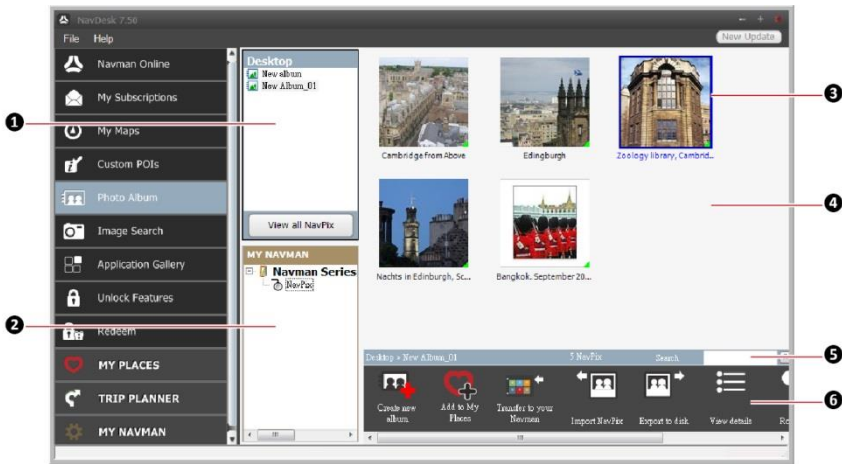


Photo Album is a NavDesk application which allows you to copy, delete or move pictures or albums between the **NavPix™** library on your Navman and the **NavPix™** library on your computer.

	Component	Description
❶	Desktop albums	Displays a list of all albums stored in the NavPix™ library on your computer. - Click an album to display its contents in the Album display area. - Click View all NavPix to display all pictures stored in the NavPix™ library on your computer.
❷	My Navman albums	Displays a list of albums stored on the Navman internal memory and on the memory card if one is inserted. Click an album to display its contents in the Album display area.
❸	Selected picture	When a thumbnail is selected it displays with a blue border.
❹	Album display area	Displays thumbnails of pictures in the selected album.
❺	Search	Type to search for a NavPix™ by name.
❻	Toolbar	When a picture is selected, the icons which can be used will be active.

Toolbar



	Button	Description
1	Create new album	Click to create a new album in the NavPix™ library you are viewing.
2	Add to My Places	Click to transfer NavPix™ to My Places.
3	Transfer to your Navman or Transfer to your computer	▪ If you are viewing NavPix™ in the NavPix™ library on your computer, this will display as Transfer to your Navman. Click to transfer the selected NavPix™ to your Navman. ▪ If you are viewing NavPix™ in the Navman library this will display as Transfer to your computer. Click to transfer the selected photo(s) to the NavPix™ library on your computer.
4	Import NavPix™	Imports NavPix™ from your computer to the NavPix™ library on your computer.
5	Export to disk	Click to save NavPix™ to your computer or a network drive.
6	View details	Click to view the selected NavPix™ and edit NavPix™ details, including: ▪ NavPix™ name ▪ latitude ▪ longitude ▪ description
7	Rotate left	Rotates the selected NavPix™ 90° to the left.
8	Rotate right	Rotates the selected NavPix™ 90° to the right.
9	Delete NavPix™	Click to delete the selected NavPix™ .

How do I transfer pictures from Photo Album to my Navman?

You can transfer pictures from your computer to your Navman. You can import any JPEG (.jpg) into Photo Album, add or edit GPS information, and then copy the picture to your Navman.

1. From the **Toolbar** section, select **Import NavPix**. The *Open* dialog box will display.
2. Select a **NavPix™** from a folder on your computer and click **Open**. Thumbnails of the **NavPix™** will display in the **Album display area**.

 You can also drag and drop a **NavPix™** from a folder on your computer to an Album on your NavDesk.
3. Either click and drag the required **NavPix™** to an album in the **Navman albums** section, or click the **Transfer to your Navman** icon on the toolbar.

 If you have transferred a **NavPix™** with GPS coordinates you can then navigate to where the picture was taken.

How can I view and edit pictures or albums on my computer?

If you want to...	Then...
rotate a picture to left,	select the picture from the Album display area. Click Rotate left on the toolbar.
rotate a picture to right,	select the picture from the Album display area. Click Rotate Right on the toolbar.
view the picture details,	select the picture from the Album display area. Right-click and select View Details , or click View Details on the toolbar.
edit GPS information,	select the picture from the Album display area. Double click on the picture or click View Details on the toolbar. The following information will display: - o Name - o Latitude and Longitude - o Description Edit the details you want to modify. Click OK to save the changes.
delete a picture,	select the picture from the Album display area. Right click and select Delete or click Delete on the toolbar.

What else can I do with pictures and albums on my computer?

If you want to...	Then...
add a picture to another album,	in the Desktop albums section, select the album containing the NavPix™ you want to include in another album. Select the NavPix™ then drag it to the other album.  The selected NavPix™ is included in the new album, but is not moved, i.e., one instance of the NavPix™ in the library may be included in multiple albums.
remove a picture from an album,	in the Desktop albums section, select the album containing the NavPix™ you want to remove. Select the NavPix™ , right click and select Remove from album .  Click the Delete icon on the toolbar if you want to delete the NavPix™ from all albums.
add a NavPix™ to My Places,	in the Desktop albums section, select the album containing the NavPix™ you want to add to My Places. Select the NavPix™ , right click and select Add to My Places .
view and edit picture details,	select the picture then click the View Details icon on the toolbar. Edit the fields as required.

If you want to...	Then...
upload picture to the Flickr website,	in the Desktop albums section, select the album containing the NavPix™ you want to upload to the Flickr website. Select the NavPix™, right click and select Upload to Flickr.  You need a Flickr account to upload NavPix™. To create a Flickr account visit www.flickr.com
save a picture to your computer,	select the picture from the Album display area. Right click and select Export to disk or click Export to disk on the toolbar. Navigate to a folder on your computer where you want to save the NavPix™.
export to Google Earth™ (only NavPix™ with GPS coordinates can be exported to Google Earth),	in the Desktop albums section, select the album containing the picture you want to export to Google Earth. Select the NavPix™, right click and select Export to Google Earth. Navigate to a folder on your computer to save the file and then open it in Google Earth.  You need to install the Google Earth software on your computer to be able to view the file you have created. You can download Google Earth from earth.google.com
search for other NavPix™ ,	right-click on the desired NavPix™ and select Search for NavPix near this .
view all pictures in the library,	click View all NavPix at the bottom of the Desktop album section.

Photo Album preferences

NavDesk → MY NAVMAN → Options → Photo Album

Complete the following:

If you want to...	Then...
change your NavPix™ location on your computer,	click Change. Select a location for your NavPix™ library. Click Save or OK. The warning message will display and you will be prompted to confirm your action. Your NavPix™ library is moved to the new location.
receive a warning message before deleting an image from your device,	select Warn me when permanently deleting a NavPix from my Navman check box.
receive a warning message before deleting an image from your NavPix™ library,	select Warn me when permanently deleting a NavPix from my library check box.
create a new folder every time you import new photos,	select the Import photos to a new album checkbox.
view NavPix™ when on a route,	select the Show NavPix on map checkbox.

Image Search

NavDesk → Image Search

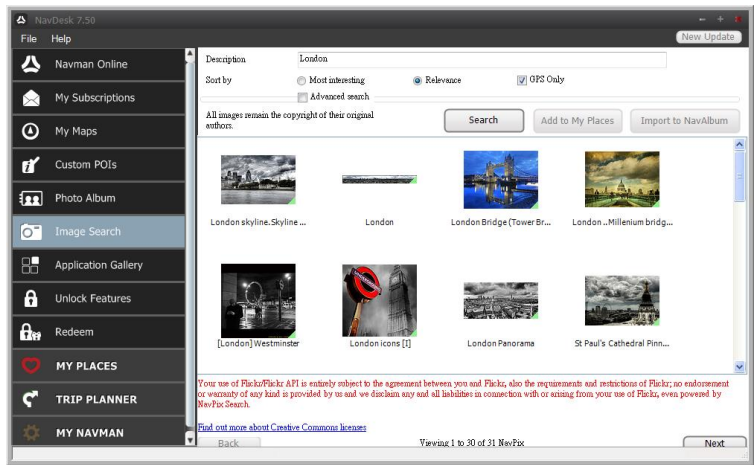


Image Search is a NavDesk application powered by Flickr™ allowing you to download photos and import them to Photo Album. You can then upload the photo to the Flickr website, transfer photos to your Navman, export pictures to Google Earth or search for other **NavPix™** near the longitude and latitude of your **NavPix™**.

How do I download NavPix™ from the internet?

1. In the **Description** field enter a search description for the image you are looking for.
2. Select one of the **Sort by** options.
3. Click **Search**. Thumbnails of the **NavPix™** will be displayed in the **NavPix™** display area.

 You can narrow your search by selecting the **Advanced search** check box and then selecting a city from the drop down list or by entering latitude and longitude details.

How do I import NavPix™ to My Places?

1. Select a picture or group of pictures you want to add to your My Places.
2. Click **Add to My Places**. The selected image is added to My Places.

Application Gallery

NavDesk → Application Gallery



Application Gallery is a NavDesk application that allows you to add, remove and rearrange applications on the *Main Menu* screen of your Navman.

 *Application Gallery* screen items and the order of the options may differ from the above, depending on your region, maps installed or model of Navman.

How do I rearrange Main Menu applications on my Navman Main Menu?

1. Select any application from the **Device Main Menu screen** section.
2. Drag the application to the position that you would like it to appear on your Navman.
3. Click **Save to Device**. The order of the *Main Menu* screen is saved on your Navman.

 Click **Reset to Default Settings** to restore the *Main Menu* screen to the factory default order.

How do I remove an application from my Navman?

 The following applications cannot be removed from your Navman:     

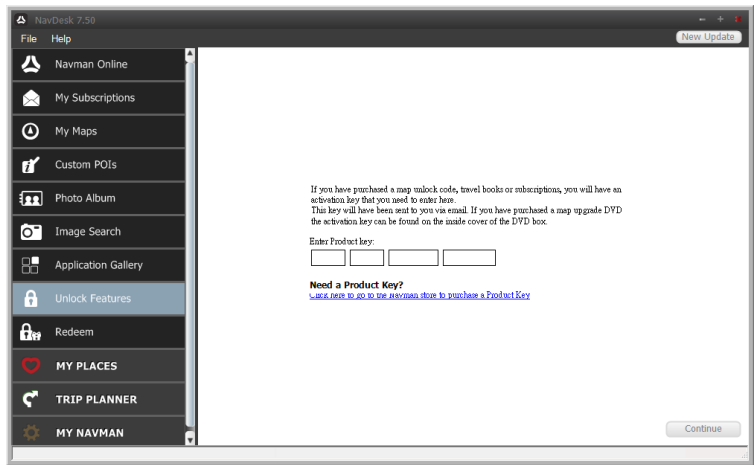
1. Select any application from the **Device Main Menu screen** section.
2. Drag and drop the application to the **Available Settings** section.
3. Click **Save to Device**. The application is removed from the *Main Menu* screen on your Navman and is no longer accessible.

How do I add an application to my Navman?

1. Select any application from the **Available Settings** section.
2. Drag and drop the application to the **Device Main Menu screen** section.
3. Click **Save to Device**. The application is added to the *Main Menu* screen on your Navman.

Unlock Features

NavDesk → Unlock Features

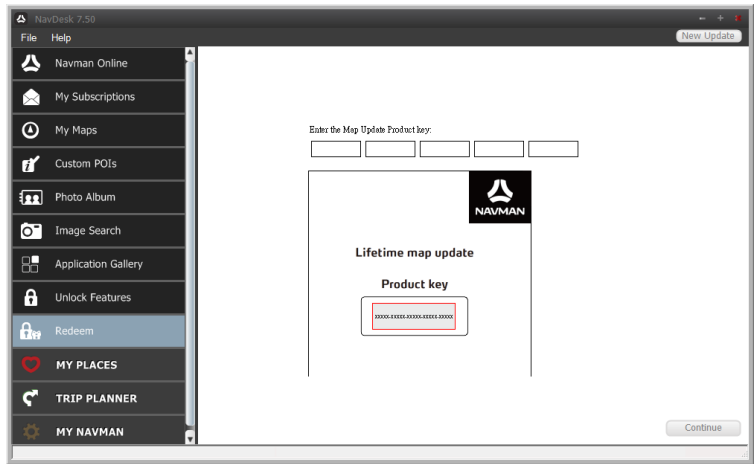


If you have purchased a map unlock code or subscriptions for your Navman, you have to enter the activation key using the Unlock Features application.

- Make sure you have an active Internet connection for this feature.
- The activation key will be sent to you by email, or printed on the inside cover of the box if you purchase the map update DVD. You can click the link on the screen to purchase an activation key online.

Redeem

NavDesk → Redeem



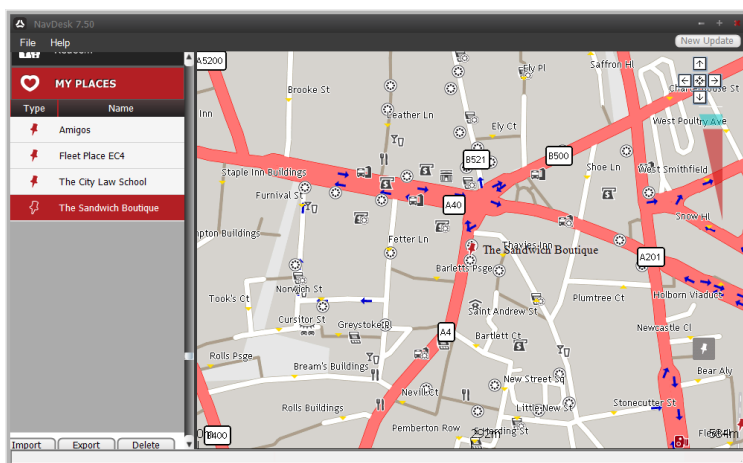
To redeem Navman's lifetime map update service, you need to enter the product key using the Redeem application. Please note that the product key can only be used once and is not transferable.

 Make sure you have an active Internet connection for this feature.

 The product key is printed on the flyer that is enclosed in the package.

MY PLACES

NavDesk → MY PLACES



My Places includes saved addresses, captured journeys and sound, Points of Interest, **NavPix™**, and other locations. You can select, modify and delete places. You can also add locations from Connect and Image Search to My Places.

 Make sure you have an active Internet connection for this feature.

 You can install a maximum of 99 locations on your Navman via My Places.

How do I sort My Place locations?

You can sort My Place locations by type and name:

If you want to...	Then...
sort My Place locations by type,	click Type on the My Places panel.
sort My Place locations by name,	click Name on the My Places panel.

How do I import or export a location?

Complete the following:

If you want to...	Then...
import a location from the computer to your Navman,	from the My Places panel, click Import . The Open dialog box will open. Locate the file you want to import and then click Open .  The supported file format for importing includes: *.KML and *.KMZ.

If you want to...	Then...
export a location from your Navman to the computer,	from the My Places panel, select a location and then click Export. The Save as dialog box will open. Enter a descriptive name for the file and then click Save.  The supported file format for exporting includes: *.KMZ.



You can import/export a location by clicking **File → Import** (or **Export**) → **My Places** from the top of NavDesk Menu.

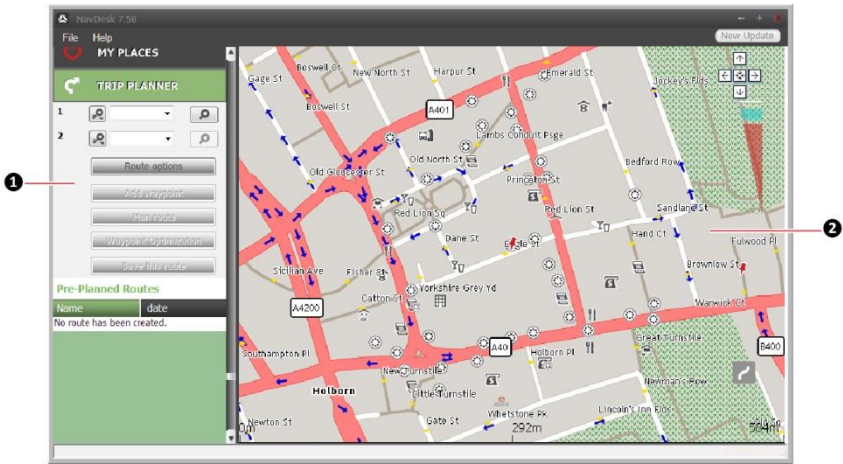
How do I edit a location from the map screen?

1. From the **My Places** panel select the location you want to edit.
2. Click the location icon on the map. The location summary pop-up will display.
3. Complete the following:

If you want to...	Then...
edit the location name,	click the location name. Enter a new name or edit the existing name. The location name is changed in both NavDesk and your Navman.
edit the location notes,	click Edit notes. Enter notes. The location notes is changed in both NavDesk and your Navman.
share the location,	click . An email will open ready to send to your friends. Your friend will receive the email with links to either save the image or to save the location in My Places in NavDesk.  If the location is a NavPix™, your friend will receive the image as an attachment to the email.  If the location is a captured journey, your friend will receive the journey as a *.KMZ file attached to the email. Your friend will need to have Google Earth installed on the computer to view the KMZ file.  If the location is a captured voice recording, your friend will receive the voice recording as a *.wav file attached to the email.
delete the location,	click , then click Yes to delete the location.  You can delete all locations in My Places by clicking  on the My Places panel.
export the location,	click . The Save as dialog box will open. Enter a descriptive name for the file and then click Save.

TRIP PLANNER

NavDesk → TRIP PLANNER



In addition to **TRIP PLANNER** () on your Navman, **TRIP PLANNER** in NavDesk allows you to pre-plan your trip on the computer.

	Component	Description
❶	Route planner	Plan a route by entering From point and To point. A list of planned routes will display in the Pre-planned Routes section.
❷	Display area	Display the route on the map.  You can also plan your route directly on the map.

How do I pre-plan a route by search?

1. From the Route planner panel, set your **From** point and **To** point.

You can find a location by:

 : **Keyword**

 : **Address**

 : **Postcode**

Input your content and click  to start a search. You may need to select from a category list to narrow your search results.

2. Complete the following:

If you want to...	Then...
add a waypoint,	click Add Waypoint .
reset or remove a waypoint,	click  next to the waypoint.

If you want to...	Then...
set the route preferences,	click Route options and select: ▪ Mode: Select the Driving, Walking, or Truck (for selected models) mode to plan your route. ▪ Type of route: Select the Fastest, Shortest, Easiest, or Economical way to plan your route. ▪ Avoidance: Avoid Unsurfaced roads, Toll roads, Ferry routes, or Special zone in your route.  The Route options settings will only apply to the route you are editing.
arrange the destinations in the most efficient order while two or more waypoints are included in the planned trip,	click Waypoint Optimization .

3. Click **Plan Route** to calculate your route. The route will be displayed on the map.
4. Click **Save this route**. The route is saved to the Pre-planned Routes section and your Navman simultaneously.

How do I pre-plan a route using the map?

1. From the map displayed in the Display area, click .
2. The cursor will be marked with "Add route". Move the cursor and then click on the map to set the **From** point.
3. The cursor will be marked with "Click to set destination". You can:
 - Move the cursor and then click on the map to set the waypoint.
 - Move the cursor and then double-click on the map to set the **To** point.
4. When done, click **Save this route**. The route is saved to the Pre-planned Routes section and your Navman simultaneously.

How do I edit a route?

1. From the *Pre-planned Routes* section select a route to edit.
2. Complete the following:

If you want to...	Then...
rename the route,	click the title of the route in the Name column, then enter a new name and press ENTER. Your changes are automatically saved.
delete a saved route,	click  next to the route you want to remove.

MY NAVMAN

NavDesk → MY NAVMAN

How do I change the displayed language for NavDesk?

You can change the language for NavDesk.

1. Click **Language**.
2. Select your preferred language.

How do I install or remove a voice file for my Navman?

My Voices is a NavDesk application that allows you to install or remove voice files on your Navman.

- 1. Click **My Voices**.
- 2. Complete the following:

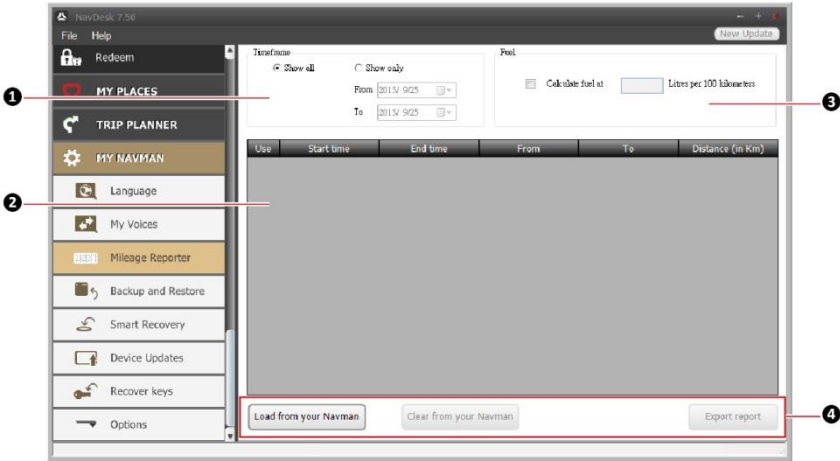
If you want to...	Then...
install a voice file,	in the Available voice files section, select the voice file you would like to install. Click Install selected voices .
remove a voice file,	in the Available voice files section, select the voice file you would like to remove. Click Remove selected voices .

 Voice files take up space on your Navman's internal memory. If you do not use a voice file, you can remove it to free up space. You can later reinstall it to your Navman if required. The provided DVD of your Navman is needed while installing the voice file.

How do I report mileage?

 Mileage Reporter is not available on all models.

Mileage Reporter is a NavDesk feature that allows you to create expense reports (.csv format) based on the mileage and estimated fuel usage recorded by your Navman.



	Component	Description
1	Timeframe	Specifies the time for which the mileage report will be created. Select Show All to include all recorded mileage.
2	Report panel	Displays your trip log data.
3	Fuel	Select to include the amount of fuel (estimate) used for the mileage recorded. If selected, specify the number of miles travelled per gallon, or miles/kilometers travelled per litre.
4	Report data buttons	Import report data from your Navman, clear all report data from your Navman or export data to a report (.csv).

 To use the Mileage Reporter function of NavDesk, the **Mileage recorder** option must be enabled on your Navman. For more information, refer to the Route options section in "What can I customise?"

 To change the Mileage Reporter preferences, click *NavDesk* → *MY NAVMAN* → *Options* → *Mileage Reporter*.

How do I backup and restore my Navman?

You can save backups of data from your Navman, and later restore it if required.

1. Click **Backup and Restore**.
2. Complete the following:

If you want to...	Then...
backup your Navman,	click Create new backup . Select the data you would like to backup. Click OK . The backup will be saved to your computer. The backup will be listed on the <i>Backup and Restore</i> window.
restore a backup to your Navman,	select the backup from the list that you would like to restore. Click Restore , then click OK . The backup will be restored to your Navman.
delete a backup,	select the backup from the list that you would like to delete. Click Delete , then click OK . The backup will be deleted.

How do I recover maps and voice files for my Navman?

The Smart Recovery application allows you to recover all data to fix your Navman if a problem occurs during operation, including software, maps, voice files, and subscriptions.

1. Click **Smart Recovery**.

 To use the Smart Recovery application to recover data, make sure you have an active Internet connection and the Installer DVD is inserted into your computer DVD drive.

2. The available data will be displayed in the **Maps** and **Voices** fields. Select the desired data and click **Recover** to recover the data on your Navman.

How do I manually update my Navman?

Occasionally Navman may offer you free updates, including software applications, maps, voice commands, and more. You can manually check the available updates via the Device Updates function.

1. Click **Device Updates**. The *Device Updates* screen that contains the available updates will display.

 You can also open the *Device Updates* screen by clicking the **New Update** button at the top-right corner of NavDesk.

2. Complete the following:

If you want to...	Then...
download the updates,	select the available update from the list, and then lick Download . You can view the download status from the downloading bar.

If you want to...	Then...
stop/pause the download,	during the download: - Click  to stop the download. - Click  to pause the download; when paused, click  to resume downloading.
change the download folder,	click Change Path .

- When completed, the downloaded file will be saved to the assigned folder.
 - For software update, the *.exe file will be launched automatically to install the update.
 - For map/voice command update, the system will display the *My Maps/Voice Command* screen automatically to install the update.

How do I recover keys on my Navman?

The Recover keys application allows you to fix your Navman if a problem occurs during operation. Click the **Recover keys** option in the menu and then follow the prompts to complete the process.

How do I configure NavDesk?

 Depending on your Navman model, certain setting options may not be available.

- Click **Options**, and then select the desired setting options to configure.
- Complete the following:

If you want to...	Then...
keep NavDesk updated,	click General , and then select the Auto check for updates checkbox. When you select this option, every time you open NavDesk, the available service packs and bug fixes will be downloaded from the Navman server and applied to your Navman.
change the units of measurement that NavDesk uses,	click General, and then: Select or clear the Use metric units checkbox to change between imperial and metric units. Select or clear the Use decimal degrees checkbox to change between decimal degrees and latitude/longitude coordinates.
change the Mileage Reporter settings,	click Mileage Reporter, and then: Select or clear the Warn me when deleting all log files from my Navman checkbox. Select Distance per volume or Volume per distance to change the fuel economy style.
change the NavPix™ library location,	click Photo Album, and then click Change.  For more information about configuring your Photo Album, refer to the "Photo Album" section.
change the location of where downloaded updates will be saved,	click My Maps, and then click Change. Select a folder for the updates. The downloaded updates are moved to the new location.

For more information

Point of Interest categories

Icon	Description	Icon	Description
	Airport		Amusement park
	Art centre		ATM/Cash dispenser
	Bank		Bar/Pub
	Beach		Breakdown service/Car repair facility
	Bowling centre		Business facility or company
	Business office		Bus station
	Camping ground		Car dealer/Automobile dealer
	Casino		Cemetery
	Church		Cinema
	City hall		City, town or village
	Coffee shop		College/University
	Community centre		Commuter railway station
	Courthouse		Dentist
	Doctor		Embassy
	Exhibition centre		Ferry terminal
	Fire Brigade		Golf course
	Government office		Grocery store
	Guest house		Higher education
	Hospital/Polyclinic		Hotel
	Ice skating		Important tourist attraction
	Information/Tourist information office		Library
	Marina/Yacht basin		Medical
	Monument		Motorcycle dealer

Icon	Description	Icon	Description
	Motoring organisation office		Mountain pass
	Museum		Music centre
	Natural attraction		Nightlife
	Park and ride		Parking
	Parking garage		Park/Recreation area
	Performance art/Theatre		Petrol station
	Pharmacy		Place of worship
	Police station		Post office
	Public restroom/Toilet facilities		Public sport airport
	Railway crossing		Rental car agency
	Rest area		Restaurant
	Road accident black spot		Scenic/Panoramic views
	School		School zone
	Shop		Shopping
	Ski resort/Ski lift station		Speed check
	Sport centre		Sports hall
	Sports complex		Stadium
	Tennis court		Travel agency
	Transport ferry		Veterinarian
	Winery		Zoo

 The POI categories and the order may differ, depending on your region, maps installed or model of Navman.

Branded Points of Interest

Branded Points of Interest are available on some maps. These include well known restaurants, accommodation providers, tourist attractions, Petrol stations, etc. The icon will usually display the company logo.

Point of Interest categories by subscription

Icon	Description
	Safety Cameras
	Safety Camera (Mobile)

Icon	Description
	Safety Camera (Average)
	Red Light Camera

My Places categories

Icon	Description
	Home
	Saved locations
	Captured journey (for selected models)

Support

For 24/7 help and support with Navman products, visit our Technical Support website at: service.navman.com

Speed limit

Navman products are designed to be used as an aid to safer driving. Navman does not condone speeding or any other failure to comply with your local traffic laws. It is your responsibility to drive within the posted speed limit at all times and to drive in a careful manner. Navman accepts NO liability whatsoever for you receiving any speeding fines or points on your license through using this device. Navman does not guarantee the accuracy of the data contained within this database either expressed or implied. In the event you receive a fine or any other penalty for speeding or contravention of any traffic law, or are involved in an accident, Navman is not responsible for any damages of any type. In some countries the data information regarding speed limits may conflict with local law and/or regulations. It is your responsibility to make sure that your use of the data is in compliance with local laws and/or regulations. Usage is at your own risk.

Safety camera POIs

Navman products are designed to be used as an aid to safer driving. You can receive messages to alert you to locations of safety cameras, which will enable you to monitor your speed through these areas. Navman does not warrant that all types and locations of safety camera data are available, as cameras may be removed, relocated or new cameras installed. Navman does not condone speeding or any other failure to comply with your local traffic laws. It is your responsibility to drive within the posted speed limit at all times and to drive in a careful manner. Navman accepts NO liability whatsoever for you receiving any speeding fines or points on your license through using this device. Navman does not guarantee the accuracy of the data contained within this database either expressed or implied. In the event you receive a fine or any other penalty for speeding or contravention of any traffic law, or are involved in an accident, Navman is not responsible for any damages of any type. In some countries the data information regarding safety or speed cameras may conflict with local law and/or regulations. It is your responsibility to make sure that your use of the data is in compliance with local laws and/or regulations. Usage is at your own risk.

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